



JOHNSON & WALES  
UNIVERSITY

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# Providence Campus

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2024-25 Catalog

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# 2024-25 Providence Campus Catalog

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Students should read and fully understand the policies, provisions, requirements and rules described in this catalog and all other Publications. In particular, among other Publications, all enrolled students are expected to be familiar with their campus Student Handbook. The Student Handbook contains important information regarding academic performance and personal conduct of students as well as university grievance procedures. It also outlines the conditions under which students may be placed on probation or suspension from the university or may be expelled (among other disciplinary measures).

The Providence Campus also has a Student Handbook. Students should check whether their program has an additional program-specific handbook and familiarize themselves with any such handbook.

# Academic Calendars

The academic calendar lists start and end dates for classes, in addition to holidays and makeup class meeting dates (as applicable). The academic calendars can be found on the Academic Calendars webpage. These calendars are offered for planning purposes only and are subject to change.

For financial aid purposes, the definition of an academic year is a period in which a student completes two semesters (credit hours), which consists of 16 weeks for a total of 32 weeks. The academic calendar includes two semesters (fall and spring). Summer is optional for undergraduate programs but may be required for some graduate programs.

For the purposes of awarding Title IV financial aid, the payment period is the academic year.



## 2024-2025 Academic Calendar Physician Assistant Studies

### Didactic Year Calendar Dates

#### SUMMER SEMESTER 2024

June	3	Summer classes begin
June	19	No classes; Juneteenth Independence Day
July	4	No classes; Independence Day
July	24	Fall semester payment deadline (new students)
Aug.	9	Academic course withdrawal deadline
Aug.	16	Summer semester ends

#### FALL SEMESTER 2024

Aug.	26	Fall classes begin
Sept.	2	No classes; Labor Day
Oct.	14	No classes; Indigenous Peoples' Day
Nov.	11	No classes; Veteran's Day
Nov.	27-29	Thanksgiving break
Dec.	4	Spring payment deadline
Dec.	6	Academic course withdrawal deadline
Dec.	13	Fall semester ends

#### SPRING SEMESTER 2025

Jan.	2	Spring classes begin
Jan.	20	No classes; Martin Luther King Jr. Day
Mar.	3-7	Spring Break
April	16	Summer payment deadline
April	18	No classes; Spring holiday
May	9	Academic course withdrawal deadline
May	16	Spring semester ends

### Clinical Year Calendar Dates

#### SUMMER SEMESTER 2024

June	3	Clinical Year Orientation
June	10	Rotation 1 – (Callback Days, end of rotation July 11-12)
July	15	Rotation 2 – (Callback Day, end of rotation Aug. 16)
July	24	Fall semester payment deadline (returning students)
Aug.	16	Summer semester ends

#### FALL SEMESTER 2024

Aug.	26	Fall classes begin
Aug.	19	Rotation 3 – (Callback Day, end of rotation Sept. 20)
Sept.	23	Rotation 4 – (Callback Day, end of rotation Oct. 25)
Oct.	28	Rotation 5 – (Callback Day, end of rotation Nov. 26)
Nov.	27-29	Thanksgiving break
Dec.	2	Rotation 6 – (Callback Day, end of rotation Jan. 10)
Dec.	4	Spring payment deadline
Dec.	25-Jan 1	Winter Break

#### SPRING SEMESTER 2025

Jan.	2	Spring classes begin
Jan.	13	Rotation 7 – (Callback Day, end of rotation Feb. 14)
Feb.	17	Final Exam Week (Summative Exams, OSCE's, Master's Presentations)
Feb.	24	Rotation 8 – (Callback Day, end of rotation Mar 27-28)
Mar.	31	Rotation 9 – (Callback Day, end of rotation May 2)
May	2-3	Callback Days
May	3	Graduate Studies Commencement
May	6-8	Callback Days
May	16	Spring semester ends/Degree Conferred





## 2024 - 2025 ACADEMIC CALENDAR

☐ = no class / holiday break

Note: The Physician Assistant Studies (MSPAS) program follows a separate calendar

### Important Enrollment Deadlines:

- July 10 Fall semester payment deadline – New Students
- July 24 Fall semester payment deadline – Returning Students

### Fall 2024 Semester

- Aug. 24 Residence Halls Fall move-in
- Aug. 23-24 Fall Doctor of Education classes begin (On Campus)
- Aug. 26 Fall classes begin
- Aug. 26 Fall I classes begin
- Aug. 29 Add/Drop deadline: College of Food Innovation & Technology (CFIT) Labs Consecutive or Two Days Per Week labs only (On Campus)
- Aug. 31 Online courses only: Last day to add a course (Fall semester & Fall I)
- Sept. 2 No classes; Labor Day
- Sept. 5 Add/Drop deadline for the Fall semester – All courses that are non- CFIT Lab (On Campus)
- Sept. 6-7 Fall Doctor of Education classes held (Hybrid)
- Sept. 7 Online courses only: Last day to drop a course (Fall semester & Fall I)
- Sept. 7 Online Courses Deadline: Complete attendance requirements (Fall semester & Fall I)
- Sept. 17 CFIT Consecutive Labs – Segment 1 Course Withdrawal Deadline
- Sept. 19 CFIT Consecutive Labs – Segment 1 Ends
- Sept. 20-21 Doctor of Education classes held (Hybrid)
- Sept. 23 CFIT Consecutive Labs – Segment 2 Begins
- Oct. 3 Fall I academic course withdrawal deadline
- Oct. 4 - 5 Doctor of Education classes held (Hybrid)
- Oct. 7 CFIT Monday|Wednesday Labs– Segment 1 Course Withdrawal Deadline
- Oct. 8 CFIT Tuesday | Thursday Labs – Segment 1 Course Withdrawal Deadline
- Oct. 13 Fall I classes end
- Oct. 14 No classes; Indigenous Peoples' Day
- Oct. 15 CFIT Consecutive Labs – Segment 2 Course Withdrawal Deadline
- Oct. 16 CFIT Monday | Wednesday Labs – Segment 1 Ends
- Oct. 17 CFIT Consecutive Labs – Segment 2 Ends
- Oct. 17 CFIT Tuesday | Thursday Labs – Segment 1 Ends
- Oct. 18 - 19 Doctor of Education classes held (Hybrid)
- Oct. 21 Fall II classes begin
- Oct. 21 CFIT Consecutive Labs – Segment 3 Begins
- Oct. 21 CFIT Monday | Wednesday Labs – Segment 2 Begins
- Oct. 22 CFIT Tuesday | Thursday Labs – Segment 2 Begins
- Oct. 26 Online courses only: Last day to add a course (Fall II)

Aug-24						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Sep-24						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Oct-24						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

This calendar is offered for planning purposes only; dates are subject to change.

Note: Friday class meetings may be required in certain courses to meet minimum classroom hour requirements. View detailed schedule carefully to determine if Friday classes are required via jwuLink.

Nov. 1 - 2 Doctor of Education classes held (Hybrid)  
 Nov. 2 Online courses only: Last day to drop a course (Fall II)  
 Nov. 2 Online Courses Deadline: Complete attendance requirements (Fall II)  
 Nov. 11 No classes; Veteran's Day  
 Nov. 8 CFIT Consecutive Labs – Segment 3 Course Withdrawal Deadline  
 Nov. 13 CFIT Consecutive Labs – Segment 3 Ends  
 Nov. 14 CFIT Consecutive Labs – Segment 4 Begins  
 Nov. 15 - 16 Doctor of Education classes held (Hybrid)  
 Nov. 27 Residence Halls close at noon  
 Nov. 27-30 Thanksgiving break

Nov-24						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Dec. 1 Thanksgiving break  
 Dec. 1 Residence Halls open at 10 a.m.  
 Dec. 4 Spring semester payment deadline  
 Dec. 5 Undergraduate reading day academic courses only Hybrid, Labs,  
 Continuing Education and Graduate courses will be held  
 Dec. 6 CFIT Monday|Wednesday Labs– Segment 2 Course Withdrawal Deadline  
 Dec. 6 CFIT Tuesday | Thursday Labs – Segment 2 Course Withdrawal Deadline  
 Dec. 6 Fall academic course withdrawal deadline  
 Dec. 6 Fall II academic course withdrawal deadline  
 Dec. 6 - 7 Doctor of Education classes held (Hybrid)  
 Dec. 9-12 \*Undergraduate Final Exams  
 Dec. 10 CFIT Consecutive Labs – Segment 4 Course Withdrawal Deadline  
 Dec. 11 CFIT Monday | Wednesday Labs – Segment 2 Ends  
 Dec. 12 CFIT Consecutive Labs – Segment 4 Ends  
 Dec. 12 CFIT Tuesday | Thursday Labs – Segment 2 Ends  
 Dec. 12 Fall Classes end (In-Person)  
 Dec. 13 Inclement weather make up final exams  
 Dec. 13 Winter Break Begins (On Campus)  
 Dec. 13 Residence Halls close for Winter Break at noon  
 Dec. 15 Online Courses: Full Semester & Fall II Classes End  
 Dec. 15 Winter Break Begins (Online)

Dec-24						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

\*Final Exams for Continuing Education (CE) and Graduate on campus programs are held during the last class meeting.

### Spring 2025 Semester

Jan. 5 Winter Break ends  
 Jan. 5 Residence Halls open at 10 a.m.  
 Jan. 6 Spring classes begin  
 Jan. 6 Spring I classes begin  
 Jan. 9 Add/Drop deadline: College of Food Innovation & Technology (CFIT)Labs  
 Consecutive or Two Days Per Week labs only (On Campus)  
 Jan. 10 - 11 Doctor of Education classes held (Hybrid)  
 Jan. 11 Online courses only: Last day to add a course (Spring semester & Spring I)  
 Jan. 16 Add/Drop deadline for the Fall semester – All courses that are non- CFIT  
 (On Campus)  
 Jan. 18 Online courses only: Last day to drop a course (Spring semester & Spring I)  
 Jan. 18 Online courses only: Deadline to complete attendance requirements  
 (Spring semester & Spring I)  
 Jan. 20 No classes; Martin Luther King Jr. Day  
 Jan. 24-25 Doctor of Education classes held (Hybrid)  
 Jan. 29 CFIT Consecutive Labs – Segment 1 Course Withdrawal Deadline

Jan-25						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

This calendar is offered for planning purposes only; dates are subject to change.

Note: Friday class meetings may be required in certain courses to meet minimum classroom hour requirements. View detailed schedule carefully to determine if Friday classes are required via jwuLink.

## Spring 2025 Semester - Continued

Feb.	3	CFIT Consecutive Labs – Segment 1 Ends
Feb.	4	CFIT Consecutive Labs – Segment 2 Begins
Feb.	7-8	Doctor of Education classes held (Hybrid)
Feb.	14	Spring I academic course withdrawal deadline
Feb.	23	Spring I classes end
Feb.	21	CFIT Monday Wednesday Labs– Segment 1 Course Withdrawal Deadline
Feb.	21	CFIT Tuesday   Thursday Labs – Segment 1 Course Withdrawal Deadline
Feb.	21-22	Doctor of Education classes held (Hybrid)
Feb.	25	CFIT Consecutive Labs – Segment 2 Course Withdrawal Deadline
Feb.	26	CFIT Monday   Wednesday Labs – Segment 1 Ends
Feb.	27	CFIT Tuesday   Thursday Labs – Segment 1 Ends
Feb.	27	CFIT Consecutive Labs – Segment 2 Ends
Feb.	28	Residence Halls close for Spring Break at noon
Feb. 28 - March 9		Spring Break (Excluding OTD)
March	7-8	Doctor of Education classes held (Hybrid)
March	9	Residence Halls open at 10 a.m.
March	10	Spring II classes begin
March	10	CFIT Consecutive Labs – Segment 3 Begins
March	10	CFIT Monday   Wednesday Labs – Segment 2 Begins
March	11	CFIT Tuesday   Thursday Labs – Segment 2 Begins
March	15	Online courses only: Last day to add a course (Spring II)
March	21-22	Doctor of Education classes held (Hybrid)
March	22	Online courses only: Last day to drop a course (Spring II)
March	22	Online courses only: Deadline to complete attendance requirements(Spring II)
March	31	CFIT Consecutive Labs – Segment 3 Course Withdrawal Deadline
March 31 - April 4		OTD Spring Break: American Occupational Therapy Association Conference
April	2	CFIT Consecutive Labs – Segment 3 Ends
April	3	CFIT Consecutive Labs – Segment 4 Begins
April	4-5	Doctor of Education classes held (Hybrid)
April	16	Summer semester payment deadline
April	18	No classes; Spring holiday
April	20	No classes; Easter
April	22	CFIT Tuesday   Thursday Labs – Segment 2 Course Withdrawal Deadline
April	22	Spring academic course withdrawal deadline
April	22	Spring II academic course withdrawal deadline
April	22	Undergraduate reading day academic courses only Hybrid, Labs,
April	22	Continuing Education and Graduate courses will be held
April	23 - 24	*Undergraduate Final Exams
April	24	CFIT Consecutive Labs – Segment 4 Course Withdrawal Deadline
April	25-26	Doctor of Education classes held (Hybrid)
April	27	Online Courses: Full Semester & Fall II Classes End
April	28	CFIT Monday   Wednesday Labs – Segment 2 Ends
April	29	CFIT Consecutive Labs – Segment 4 Ends
April	29	CFIT Tuesday   Thursday Labs – Segment 2 Ends
April	29	Spring Classes end (In-Person)
April	28 - 29	*Undergraduate Final Exams
April	30	Residence Halls close for end of year at noon (non- graduating students)
May	4	Residence Halls close for end of year at 10 a.m. (students who are graduating/participating in Commencement)

Feb-25						
S	M	T	W	T	F	S
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23	24	25	26	27	28	

Mar-25						
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30	31					

Apr-25						
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27	28	29	30			

\*Final Exams for Continuing Education (CE) and Graduate on campus programs are held during the last class meeting.

This calendar is offered for planning purposes only; dates are subject to change.

Note: Friday class meetings may be required in certain courses to meet minimum classroom hour requirements. View detailed schedule carefully to determine if Friday classes are required via jwuLink.

May 3 Graduate Studies Commencement  
 May 3 Undergraduate Commencement  
 May 3 College of Professional Studies graduates are invited to participate in our commencement ceremonies. Graduate studies graduates can participate in either Providence or Charlotte campuses, and doctoral graduates can participate in Providence.

May 4 Summer Residence Halls open at 2 p.m.  
 May 5 Summer classes begin  
 May 5 Summer I classes begin  
 May 5 Ed.D. Dissertation advisement begins  
 May 10 Online courses only: Last day to add a course (Summer semester & Summer I)  
 May 17 Online courses only: Last day to drop a course (Summer semester & Summer I)  
 May 17 Online courses only: Deadline to complete attendance requirements (Summer semester & Summer I)  
 May 26 No classes; Memorial Day

May-25						
S	M	T	W	T	F	S
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June 2 Occupational Therapy Doctorate new student cohort begins  
 June 19 No classes; Juneteenth Independence Day  
 June 13 Summer I academic course withdrawal deadline  
 June 22 Summer I classes end  
 June 30 Summer II classes begin

Jun-25						
S	M	T	W	T	F	S
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29	30					

July 4 No classes; Independence Day  
 July 5 Online courses only: Last day to add a course (Summer II)  
 July 12 Online courses only: Last day to drop a course (Summer II)  
 July 12 Online courses only: Deadline to complete attendance requirements (Summer II)  
 July 14 Bridge Program begins (Charlotte Campus)  
 July 9 Fall semester payment deadline (new students)  
 July 23 Fall semester payment deadline (returning students)

Jul-25						
S	M	T	W	T	F	S
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13	14	15	16	17	18	19
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27	28	29	30	31		

Aug. 8 Summer academic course withdrawal deadline  
 Aug. 8 Summer II academic course withdrawal deadline  
 Aug. 13 Bridge Program course withdrawal deadline (Charlotte Campus)  
 Aug. 15 In-person classes end (Providence & Charlotte Campuses)  
 Aug. 15 In-person classes Bridge Program ends (Charlotte Campus)  
 Aug. 16 Summer classes (non-online) + internships end  
 Aug. 17 Online Courses & Summer II Online Classes end  
 Aug. 17 Residence Halls close at 12:00 pm

Aug-25						
S	M	T	W	T	F	S
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24	25	26	27	28	29	30
31						

This calendar is offered for planning purposes only; dates are subject to change.

Note: Friday class meetings may be required in certain courses to meet minimum classroom hour requirements. View detailed schedule carefully to determine if Friday classes are required via jwuLink.

# About JWU

Founded in 1914, Johnson & Wales University is a private, nonprofit, accredited institution with more than 8,000 graduate, undergraduate and online students at its campuses in Providence, Rhode Island and Charlotte, North Carolina. An innovative educational leader, the university offers undergraduate and graduate degree programs in arts and sciences, business, engineering, food innovation, hospitality, nutrition, health and wellness. It also offers undergraduate programs in culinary arts, dietetics and design.

JWU's unique model provides students with the personalized attention, academic expertise and industry connections that inspire professional success and personal growth. The time students spend at JWU is nothing short of transformative, as demonstrated by career outcomes, expected earnings and economic mobility rankings. The university's impact is global, with alumni in 128 countries pursuing careers worldwide.

Here's what makes JWU different:

## Academics

- Purposeful learning experiences, a global learning environment and opportunities for collaboration with students in other disciplines expand the possibilities of a JWU education.
- The university's commitment to equipping students with a practical, relevant education provides industry with agile graduates who are real-world tested and ready to enter a highly dynamic workforce. Employers tell us that JWU graduates demonstrate a strong work ethic, embrace challenges and ask the right kinds of questions.
- Dedicated faculty and career advisors help students set professional goals and develop an educational plan designed for them to best attain those goals.
- Students learn by doing, discovering industry best practices and training on career-specific tools and software in dynamic labs and career-focused classrooms.

## Experiential Education

- Programs provide opportunities for real-world experience, which can include internships and classroom projects with actual companies.
- Specialized workshops help students build their résumés, highlight their skills and develop a portfolio of work to help set them apart.
- Students have the opportunity to network with employers who visit campus each year, including career fairs, on-campus interviews and career events geared to your major.
- In 2021–22, 1,457 students gained industry experience related to their major at 874 sites across 43 states.
- Participation in competitions as a member of the ADTEAM, Vex Robotics, or DECA, BPA, FCCLA and other nationally recognized student organizations helps build leadership, career skills and student résumés.

## Outcomes

- JWU graduates have the transferable analytic and expressive abilities necessary to take on new challenges and follow the ever-changing career paths that increasingly define the contemporary workplace.
- Our 95.4% career outcomes rate for 2021 graduates who earned a bachelor's degree is higher than the national average. This rate reflects the percentage of JWU graduates who secure full or part-time employment, are enrolled/accepted in a program of study to continue their education, are performing voluntary service, or enlist in military service within six months of graduation. The 2021 rate is consistent with previous years' career outcomes rates for all JWU class years since 2015, which were also higher than the national average.

## Culture

- JWU provides student experiences that encourages participation, embraces collaboration, and stimulates a healthy mind, body and spirit.

## Value

- Competitive and accelerated program options help qualified students save time and offer a step up in their fields of choice.
- When factoring in costs, discounts, the benefits of a JWU education, and the time it takes to graduate, Johnson & Wales is more than competitive with other private universities — and even with many public universities.

To learn more, visit [jwu.edu](http://jwu.edu).

## Mission and Guiding Principles

Johnson & Wales University ... an exceptional education that inspires professional success and lifelong personal and intellectual growth.

In support of our mission and recognizing the importance of preserving our distinctive student-centered culture, we are guided by the following principles:

- Undertake continuous improvement and planning for a sustainable future.
- Foster an evidence-based teaching and learning environment.
- Support faculty scholarship to advance our status as a comprehensive university.
- Maximize student potential by further enriching our academic programs with experiential and work-integrated learning.
- Value our faculty and staff.
- Embrace diversity for a richly inclusive community.
- Practice ethical citizenship in all aspects of university life.
- Act as a good steward of our resources to support the needs of our students, faculty and staff.

## University Essential Learning Outcomes

### Professional Competence

Graduates will demonstrate the knowledge and skills required to succeed in their chosen profession.

### Foundation for Lifelong Learning

Graduates will demonstrate the knowledge and skills necessary for lifelong learning, including competence in communication, critical and creative thinking, quantitative and scientific reasoning, and the ability to evaluate, integrate, and apply knowledge from multiple perspectives when making decisions and solving problems.

### Global and Community Citizenship

Graduates will demonstrate the necessary skills, including an awareness of ethical responsibility and cultural/ global diversity, to live and work collaboratively as contributing members of society.

## Providence Campus

Since its opening in 1914, Johnson & Wales University's original campus in Providence, Rhode Island, has grown from a small business school to a large, international university featuring degree programs in arts and sciences, business, culinary arts, design and engineering, dietetics, education, food innovation, health and wellness, hospitality, nutrition, occupational therapy, and physician assistant studies.

For more information about JWU's Providence Campus, contact

Admissions  
8 Abbott Park Place, Providence, RI 02903  
1-800-342-5598

### The City

Providence offers big-city sophistication on a welcoming scale, and is often voted one of the country's best places to live. A historic yet fast-paced city, Providence is located within the highest per capita concentration of colleges and universities in the United States, so it's alive with things to do.

The major business, financial and retail districts of the city are all within walking distance of the Downcity Campus, which is convenient for students looking for part-time jobs. Also within walking distance are the Providence Performing Arts Center, Providence Public Library, Dunkin' Donuts Center, Rhode Island Convention Center, Trinity Repertory Company, Providence Place Mall, outdoor skating at The Providence Rink at The Alex + Ani City Center, the Rhode Island State House, Rhode Island School of Design, Brown University, and places of worship of many major religious denominations. Restaurants for every taste and budget, many owned or operated by JWU alumni, can be found throughout the city as well.

Providence's unique geographic location — only an hour's drive from both Boston and Cape Cod, and three-hours' drive from New York City — makes it an inviting place to live. Interstate bus and train stations are within easy reach of the Downcity Campus, and the state airport in Warwick is only about 10 miles to the south.

## The Campus

The Downcity Campus is anchored by Gaebe Commons, a popular hub of student activity, and surrounded by a variety of shops, restaurants, cafés, music venues and a picturesque riverfront. This campus is home to students in the College of Hospitality Management, College of Business, College of Engineering & Design, John Hazen White College of Arts & Sciences and College of Health & Wellness.

The nearby Harborside Campus sits on 105 scenic acres along Narragansett Bay, and houses the College of Food Innovation & Technology, Wildcat Center (home of the NCAA Division III Wildcats), and Culinary Arts Museum at JWU. Residential facilities are located throughout Providence and Cranston. JWU provides free shuttle bus service between the campuses and residence halls.

Academic Facilities and Administrative Offices — Downcity Campus

91 FRIENDSHIP STREET houses University Design & Editorial Services, University Marketing, Digital Communications, Institutional Research, University Admissions, The Office of General Counsel and the offices for Equity and Compliance.

115 CEDAR STREET houses the administrative offices of the College of Professional Studies, including the dean's office, as well as Accounts Payable, Accounting, Procurement, and Internal Audit & Risk Management.

THE ACADEMIC CENTER at 138 Mathewson St. houses the College of Health & Wellness offices, classrooms and labs.

The CENTER FOR PHYSICIAN ASSISTANT STUDIES at 35 Claverick St. houses classrooms, laboratories, and faculty and directors offices for the Physician Assistant Studies program.

The CITIZENS BANK CENTER FOR STUDENT INVOLVEMENT at 2 Richmond St. houses Student Involvement & Leadership (including the *Campus Herald* and *Johnsonian* yearbook offices), Greek Councils, New Student Orientation & Support Programs, Parent Relations and Spiritual Life.

The DEL SESTO BUILDING at 274 Weybosset St. houses Information Technology Operations.

The JOHN HAZEN WHITE COLLEGE OF ARTS & SCIENCES at 30 Chestnut St. (corner of Pine and Chestnut Streets) houses the departments of English, English as a Second Language (ESL), Humanities, Mathematics, and Social Sciences, as well as the language laboratory and Arts & Sciences classrooms. It also houses Accessibility Services for the Downcity Campus, the Center for Student Research and Interdisciplinary Collaboration, and the dean's office and faculty offices. On the second floor is a lounge for students with veteran status. Also, the lower level of the building is the home of the University Bookstore (operated by Follett Higher Education Group).

JOHNSON HALL, located at 59 Chestnut St., includes the Department of Health Sciences faculty offices, the nursing program, several classrooms, Esports Center, and Starbucks.

The JOHN J. BOWEN CENTER FOR SCIENCE AND INNOVATION at 75 Chestnut St. houses the College of Engineering & Design and features classrooms, the media/graphics department, computer and engineering, faculty offices, the dean's office, the Technology & Design Center, and the College of Engineering & Design Presentation Room. It also houses College of Arts & Sciences classrooms, life science laboratories, faculty offices, and Willie's.

The JWU PARKING GARAGE at the corner of Pine and Richmond streets offers convenient, affordable parking for all students. Students need their university ID to enter and rates are posted at the entrance. On the first floor is the Admissions Welcome Center and Off-Campus Student Services's The Den, a multifunction lounge space for commuting Wildcats. The Den has an area of soft seating with numerous mobile device charging stations. There is also a kitchen and dining area, with tables and chairs for dining, a microwave, a refrigerator and vending machines. Wi-Fi is available throughout the space. There is also a Pharos printing system to afford students the opportunity to print, a multipurpose audiovisual system and numerous hi-definition TV monitors.

The RICHMOND BUILDING at 270 Weybosset St. houses Information Technology and the JWU Center for Teaching and Learning, Instructional

Design Technology, as well as the Providence Police Department District 1 Substation.

CAMPUS SAFETY & SECURITY administrative and operations headquarters are located at 264 Weybosset St.

The STUDENT SERVICES CENTER at 274 Pine St. houses Student Academic Services, Student Financial Services, student ID cards, inactive records, the Larry Friedman Center for Entrepreneurship, and JWU Global, which contains the International Student Services Office and Study Abroad.

The TACO CENTER FOR BUSINESS AND ARTS & SCIENCES at 10 Abbott Park Place houses classrooms and faculty offices for the economics department, the science department and a media and communications lab on the first floor. Criminal Justice Lab is on the fifth floor.

WALES HALL at 8 Abbott Park Place houses the Downcity fitness center, shower and locker rooms and the commuter lounge on the lower level, and the Pepsi Forum auditorium and Student Payroll on the first floor. The second floor houses Counseling Services and Community Relations. The third floor houses Health Services for the Downcity Campus. The fourth and fifth floors are home to JWU's Human Resources & Payroll.

The XAVIER COMPLEX at 259 Pine St. (at Broad and Claverick streets) houses classrooms, faculty offices, a variety of computer and word processing labs, and Schneider Auditorium. This complex also houses the College of Hospitality Management and College of Business. The Sports, Entertainment and Event Management lab, Bistro 61 and a hospitality beverage lab are on the first floor.

XAVIER HALL in the Xavier Complex includes an interdenominational chapel; the Bridge for Diversity, Equity & Social Justice; and a residence hall with laundry facilities.

THE YENA CENTER at 111 Dorrance St. houses the main library and library administrative offices, the Academic Success Center, Experiential Education & Career Services, undergraduate Admissions (except culinary), D'Amico Auditorium, Catering, JWU Local, and the university's offices for administration, Advancement & University Relations, and Alumni Relations.

Academic Facilities and Administrative Offices — Harborside Campus

The CUISINART CENTER FOR CULINARY EXCELLENCE at 333 Shipyard St. is where the College of Food Innovation & Technology is based. This also includes College of Food Innovation & Technology faculty offices, deans' and administrative offices, the Coors Brewing Laboratory and the International Baking & Pastry Institute.

The center includes hot and cold kitchens, bakeshops and pastry shops, dining rooms, meat cutting and meat processing rooms, receiving and storeroom, an oenology and beverage service laboratory, and culinary purchasing offices.

The GRACE WELCOME CENTER at 120 Harborside Blvd. is the location for Culinary and Graduate Admissions. The facility includes a 70-seat presentation room, Galleria of Culinary Artifacts, conference room and welcome area, as well as staff office space.

HARBOR VIEW at 1150 Narragansett Blvd. in Cranston houses a large student dining hall, kitchen and commissary, and a residence hall with laundry facilities. The Auxiliary Services department offices are located on the first floor.

THE HARBORSIDE ACADEMIC CENTER (HAC) at 265 Harborside Blvd. houses department faculty offices for the College of Food Innovation & Technology, Ecolab Center for Culinary Science, Health Services for the Harborside Campus, as well as the department chairs of culinary arts and food service management.

Academic facilities include classrooms, the chocolate and sugar lab, and the baking technology lab. CAFE, the Culinary Arts Foodservice Exposition, is an addition to the Harborside Academic Center and features state-of-the-art kitchens and laboratories, bakeshops, a food science and product development lab, and the Cintas Dining Room used by culinary arts students. HAC also contains a Starbucks, Harborside Café, the University Office of Culinary Education, microbiology lab, a multimedia center, the HAC Amphitheater, Culinary Special Services and the Harborside Computer Center, containing 156 computers, five computer labs and an administrative staff area.

THE FRIEDMAN CENTER at 321 Harborside Blvd. houses International Student Services and Residential Life offices.

Also located in this building are the Alan Shawn Feinstein Center for Academic Success Center, Culinary Arts Museum at JWU, College of Food Innovation and Technology (CFIT) lab, Harborside Campus Library, Printing & Mailing Services, Harborside Substation of Campus Safety & Security, Liberty Market, Willie's, Special Events staff, warehouse, administrative offices of Facilities Management, classrooms, Community Standards and Conduct, and department faculty offices for the John Hazen White College of Arts & Sciences, College of Food Innovation & Technology, College of Management, Graduate Studies faculty and Information Technology.

The WILDCAT CENTER at 305 Shipyard St. houses Providence Police Substation for District 13, Athletics, two gymnasiums, student life programming space, game room, fitness center, the university's Harborside Bookstore (operated by Follett Higher Education Group) and Student Engagement.

### Computer Laboratories

Johnson & Wales University has computer labs available for students to use email, Internet Explorer, Microsoft Office, jwuLink and more. Additional labs are available to students enrolled in classes that teach specialty software or technology.

Students must have an active JWU email account to access lab computers. Documents can be saved to student-acquired USB drives or they can be attached to and sent through email. Students cannot save files onto computers in the labs.

Computer labs are at the following locations:

#### Downcity Campus

Xavier Computer Labs  
Xavier Academic Complex — 2nd floor  
259 Pine St., Providence, Rhode Island  
401-598-1537

#### Harborside Campus

Harborside Computer Labs  
Harborside Academic Center  
265 Harborside Blvd., Providence, Rhode Island  
401-598-1592

### Residence Halls

All halls are coeducational and smoke free. All are cable and internet ready. During the first two weeks of the fall semester, each room is provided with a MicroFridge<sup>®</sup>, which students may opt to rent for the rest of the year, with the exception of Renaissance Hall and Harborside Village, which feature full-size refrigerators. Students are allowed only one MicroFridge per room.

#### Downcity Campus

##### McNulty Hall

101 Pine St., Providence, Rhode Island  
401-598-4797

McNulty Hall is located adjacent to The Yena Center (library) at the Pine Street perimeter of Gaebe Commons. McNulty houses first-year students, and features double-, triple- and quad- occupancy rooms, all of which are air conditioned and have private baths. McNulty also features laundry rooms and a variety of common areas for study and recreational use. Student parking is not available at this hall, although private parking is available from vendors in nearby lots.

##### Snowden Hall

32 Page St., Providence, Rhode Island  
401-598-1025

Snowden Hall, available at a slightly higher cost, contains double-, triple- and quad-occupancy rooms with private baths and air conditioning. Residents of this hall are a mix of first-year and upper-class students. It also houses a dining center featuring grilled-to-order items and signature sandwiches at the Clock Tower Deli & Market. Student parking is not available at this hall.

##### Xavier Hall

60 Broad St., Providence, Rhode Island  
401-598-1496

Xavier Hall, adjacent to the Xavier Academic Complex, has a limited number of single-occupancy rooms for upper-class students, and double-, triple- and

quad-occupancy rooms available for first-year students. Student parking is not available at this hall.

### Harborside Campus

**East Hall** (401-598-1189)

**West Hall** (401-598-1155)

**South Hall** (401-598-4720)

2 Washington Ave., Providence, Rhode Island

East, West and South Halls are neighboring residence halls located on the Harborside Campus near academic and student service facilities. Primarily for culinary and baking & pastry arts students, rooms in East Hall and South Hall house four residents. West Hall offers triple rooms. Each hall has community bathrooms, a laundry room, study room and recreation room. University student parking is available to all with a valid sticker.

#### Harbor View

1150 Narragansett Blvd., Cranston, Rhode Island  
401-598-1154

Harbor View is located on the Cranston-Providence line and overlooks Narragansett Bay. It is within walking distance of the Harborside Campus. Harbor View contains triples and some quads with private baths, as well as a dining center, recreation room with a large-screen TV, and study room. It is reserved for upper-class and some first-year students. There is limited parking available.

#### Harborside Village

100 Harborside Blvd., Providence, Rhode Island  
401-808-6000

Open to juniors and seniors, Harborside Village is comprised of 12 individual buildings with 12 four-person apartment units in each. Apartments are fully furnished and feature four single, private bedrooms; two private bathrooms; an eat-in kitchen; a common room; and a washer/dryer unit (no card or coin required). An on-site community building houses village resident mailboxes, a function room, a game room and the community management office. Parking is available through a lottery process. Residents of Harborside Village are required to agree to abide by a community policy agreement as a condition to residing in Harborside Village. There is no meal plan included at this hall. Students can purchase Wildcat Meals from Student Financial Services.

#### Centennial House

135 Norwood Ave., Cranston, Rhode Island

Centennial House, located a short distance from the Harborside Campus and open to sophomores and juniors, is a nontraditional housing option, different from that of a residence hall. Opened in 2013, Centennial House houses approximately 35 residents in a cooperative-style living environment focused on self-governance and community service.

### Campus Dining

Campus Dining strives to provide the high-quality foods and services that offer our students the best nutritional value available, too: The menu offerings are robust and diverse to meet the needs of our entire student body.

The following dining locations are available for students on a meal plan and their guests: Harbor View Dining Center, Harborside Café, Willie's (on each campus), Snowden Dining Center, Clock Tower Deli & Market, JWU Local, as well as two Starbucks<sup>®</sup> which are located on the Downcity and Harborside campuses.

Information on meal plans can be found in the Student Handbook.

### University Library Network

The Johnson & Wales University library network is comprised of the libraries on the JWU campuses in Providence, Rhode Island and Charlotte, North Carolina, and combines traditional library services with a dynamic online information environment tailored to meet the needs of Johnson & Wales students on and off campus.

Staffed by graduates of ALA-accredited master's degree programs in library and information science, the library is committed to the development of lifelong learning skills and information literacy in all JWU graduates. Its key mission is enhancing the pedagogical, professional and scholarly achievements of JWU faculty. During operating hours, staff is available to offer assistance on how to effectively use library resources and find the most pertinent information for assignments.

An important aspect of the library is the access it provides to resources, services and facilities shared by the Higher Education Library Information Network (HELIN), a southern New England consortium of academic libraries.

The main Johnson & Wales University library facility in Providence occupies the first two floors of The Yena Center at 111 Dorrance St. on the Downcity Campus. It houses the largest of the university library network's book, journal and AV resource collections as well as the administrative offices of the dean of university libraries. Other resources include access to numerous research databases, Mac and Windows computer workstations, wide-bed scanners, group study rooms with LED monitors, private study carrels, soft seating, an electronic classroom, wireless internet connectivity throughout the facility.

Library collections and services at the Harborside Campus are located in The Friedman Center at 321 Harborside Blvd., and primarily support the curricula of the College of Food Innovation & Technology, with resources also available for graduate studies in business and education. Like its Downcity Campus counterpart, this facility provides access to research databases, computer workstations, group study rooms with LED monitors, and wireless internet connectivity, as well as numerous books, periodicals and AV resources. In addition, the library holds an important collection of restaurant menus from around the world. Many of these menus are now available online in the JWU Scholars Archive, an open-access digital repository of faculty publications, student scholarship and image files unique to the university.

### **Culinary Arts Museum at Johnson & Wales University**

As an extension of JWU Library, the Culinary Arts Museum on the Harborside Campus stores and exhibits hundreds of historic artifacts associated with the fields of culinary arts, food studies and hospitality. It serves as a widely recognized educational resource for Johnson & Wales University, food scholars, and practitioners within the food service industry. Its primary objective is to preserve and interpret the broad culinary and hospitality heritage addressed by the university curriculum, showcasing its substantial historic collections as well the work of students, faculty, alumni and distinguished visiting chefs. Through exhibitions and special events, the museum strives to interpret the evolution of food preparation and presentation, development of culinary equipment and technology, diverse menus offered, and places where people dine.

Students and researchers can access digitized images of museum collection objects, and identify book, journal and artifact holdings through the museum's online catalog. The museum also offers ample seating and bookable presentation space for student use, with Wi-Fi connectivity throughout.

Visit the Providence Campus library web page for links to library and museum online resources, user guides, contact information and hours of operation.

## **Accreditations, Approvals and Memberships**

### **Accreditation**

Johnson & Wales University is accredited by the New England Commission of Higher Education (the "Commission"; formerly the Commission on Institutions of Higher Education of the New England Association of Schools and Colleges Inc.). This accreditation encompasses the university's campuses in Providence, Rhode Island; and Charlotte, North Carolina, and its online programs.

Accreditation of an institution of higher education by the Commission indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the Commission is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the accreditation status by the Commission should be directed to:

Johnson & Wales University  
Office of the Provost — Yena Center, 3rd floor  
111 Dorrance Street

Providence RI 02903  
Phone: 401-598-2087

Individuals may also contact NECHE with inquiries regarding accreditation status:

New England Commission of Higher Education  
3 Burlington Woods Drive, Suite 100  
Burlington, MA 01803-4531  
Phone: 781-425-7785  
Email: info@neche.org

Legal control is vested in the Johnson & Wales University Board of Trustees.

The university is authorized under federal law to enroll nonimmigrant alien students.

JWU is listed in the Database of Accredited Postsecondary Institutions and Programs (DAPIP ID: 141893) issued by the U.S. Department of Education.

### **State Licensing & Authorizations**

**Providence Campus:** The State of Rhode Island has chartered Johnson & Wales University as a nonprofit degree-granting institution of higher learning.

**Charlotte Campus:** The Board of Governors of the University of North Carolina has licensed Johnson & Wales University under G.S. § 116-15 to conduct degree activity in North Carolina.

### **Distance Education/State Authorization Reciprocity Agreement (SARA)**

Johnson & Wales University offers online bachelor's, master's and doctoral degree programs through its College of Professional Studies and is approved as a member of the State Authorization Reciprocity Agreements (SARA). SARA is a national initiative to provide more access to online courses while maintaining compliance standards with state regulatory agencies. SARA allows institutions to provide online courses outside of their own state borders by seeking and maintaining state approvals via a streamlined process. Visit the SARA website for more information.

**SARA Approval of JWU:** On May 3, 2016, the National Council for State Authorization Reciprocity Agreements (NC-SARA) approved institutional participation for Johnson & Wales University. The State of Rhode Island, through the Rhode Island Office of the Postsecondary Commissioner, approved Johnson & Wales University to participate in NC-SARA on April 14, 2016. NC-SARA is a voluntary, regional approach to state oversight of postsecondary distance education. As a SARA member in the State of Rhode Island, Johnson & Wales University is authorized to provide distance education to students in all of the other SARA states (detailed below).

**Current SARA Member Jurisdictions:** Current authorized jurisdictions subject to the State Authorization Reciprocity Agreement (SARA) and the National Council for SARA (NC-SARA) standards include 49 states (all but California) and the District of Columbia, Puerto Rico and the U.S. Virgin Islands. Information on Student Complaint Processes for students enrolled in the College of Professional Studies is available online. California has its own process for the filing of complaints by online students living in that state that is discussed under Student Complaint Process for Online Students in Non-SARA Jurisdictions.

### **Programmatic Accreditation**

#### **Providence Campus — B.S. Dietetics and Applied Nutrition Program**

The Providence Campus Dietetics and Applied Nutrition program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), located at 120 South Riverside Plaza, Suite 2190, Chicago, IL, 60606-6995; phone: 800-877-1600, ext. 5400; email (ACEND@eatright.org). The Providence Campus Didactic Program in Dietetics (DPD) meets the standards of education set by ACEND.

Accreditation is granted through June 30, 2030. The next site visit by ACEND is expected in 2029.

#### **Providence Campus — M.S. Physician Assistant Studies (M.S.P.A.S.)**

The Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) has granted Accreditation-Continued status to the Johnson & Wales University Physician Assistant Program sponsored by Johnson & Wales University. Accreditation-Continued is an accreditation status granted when a currently accredited program is in compliance with the ARC-PA Standards.



Accreditation remains in effect until the program closes or withdraws from the accreditation process or until accreditation is withdrawn for failure to comply with the Standards. The approximate date for the next validation review of the program by the ARC-PA will be September 2027. The review date is contingent upon continued compliance with the Accreditation Standards and ARC-PA policy.

The program's accreditation history can be viewed on the ARC-PA website.

### **Providence Campus — Occupational Therapy Doctorate (OTD)**

The Johnson & Wales University Entry-Level Occupational Therapy Doctorate (OTD) Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929; phone: 301-652-AOTA; additional information regarding ACOTE can be found on the ACOTE website.

Graduates of the program will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

### **Institutional Memberships**

Accreditation Council for Business Schools and Programs (ACBSP)

Accreditation Council for Education in Nutrition and Dietetics (ACEND)

American Association of Colleges of Nursing (AACN)

American College Health Association (ACHA)

American Council on Education (ACE)

American Culinary Federation (ACF)

American Hotel & Lodging Association (AHLA)

Association of Governing Boards (AGB)

Association of Independent Colleges & Universities of Rhode Island (AICU-RI)

Association of International Educators (NAFSA)

Association on Higher Education and Disability (AHEAD)

Charlotte Regional Business Alliance

Coalition of Occupational Therapy Advocates for Diversity (COTAD)

College and University Professional Association for Human Resources (CUPA-HR)

College Board

Council for Advancement and Support of Education (CASE)

Council for Higher Education Accreditation (CHEA)

Council of Colleges of Arts and Sciences (CCAS)

DECA Inc.

Greater Charlotte Hospitality and Tourism Alliance

Hispanic Association of Colleges and Universities (HACU)

Institute for Experiential Learning

International Council on Hotel, Restaurant, and Institutional Education (ICHRIE)

NASPA, Student Affairs Administrators in Higher Education

National Association for Campus Activities (NACA)

National Association for College Admission Counseling (NACAC)

National Association of College Auxiliary Services (NACAS)

National Association of Colleges and Employers (NACE)

National Association of College and University Attorneys (NACUA)

National Association of College and University Food Services (NACUFS)

National Association of Independent Colleges and Universities (NAICU)

National Collegiate Honors Council (NCHC)

National Retail Federation (NRF)

National Society for Experiential Education (NSEE)

New England Occupational Therapy Education Council (NEOTEC)

North Carolina Restaurant & Lodging Association (NCRLA)

Northeast Regional Computing Program (NERCOMP)

Physician Assistant Education Association (PAEA)

Physician Assistant Honor Society

Rhode Island Association of Financial Aid Administrators (RIASFAA)

Rhode Island Business Group on Health

Rhode Island Public Expenditure Council

Society of Wine Educators

Tuition Exchange, Inc.

United States Collegiate Athletic Association (USCAA)

University Professional and Continuing Education Association (UPCEA)

## **Affiliations**

Johnson & Wales University, its faculty and members of the administrative staff hold affiliations with numerous organizations.

A description of written arrangements that the university has with other organizations to provide a portion of any university program of study is available upon request. For more information, please contact Student Financial Services.

## **Notice of Nondiscrimination**

Johnson & Wales University does not discriminate on the basis of age, color, disability, gender identity or expression, genetic information, national origin, actual or potential parental, family, or marital status, including pregnancy and related conditions, race, religion, sex, sexual orientation, status as a protected veteran, or any other legally protected status in its programs, activities or employment. It admits qualified students to all the rights, privileges, programs and activities generally accorded or made available to students at the university.

Johnson & Wales University has instituted these policies to ensure a nondiscriminatory environment and to meet legal requirements, including but not limited to Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title VII of the Civil Rights Act of 1964, and the Americans with Disabilities Act of 1990.

Johnson & Wales University also does not tolerate harassment of any kind. The university prohibits sexual harassment and sexual misconduct, which are a form of sex discrimination.

Inquiries regarding application Title IX and its implementing regulation and any inquiries regarding the university's nondiscrimination and harassment policies can be made to

Title IX Coordinator/Nondiscrimination Coordinator/Section 504 Coordinator  
Equity & Compliance Services  
8 Abbott Park Place, Providence, RI 02903  
401-598-2703 / titleix@jwu.edu

Refer to the JWU Equity & Compliance Services webpage for more information.

Providence Campus Incident Reporting Form  
Charlotte Campus Incident Reporting Form

Inquiries concerning the application of the notice of nondiscrimination may also be referred to the appropriate governmental agencies listed below:  
The Office for Civil Rights, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC, 20202-1100, 800-421-3481

### **Rhode Island**

Equal Employment Opportunity Commission, John F. Kennedy Federal Building, 475 Government Center, Boston, MA 02203, 800-669-4000  
Rhode Island State Commission for Human Rights, 180 Westminster St., 3rd Floor, Providence, RI 02903-3768, 401-222-2661

### **Massachusetts**

Equal Employment Opportunity Commission, John F. Kennedy Federal Building, 475 Government Center, Boston, MA 02203, 800-669-4000

Massachusetts Commission Against Discrimination, One Ashburton Place, 6th Floor, Room 601, Boston, MA 02108, 617-994-6000

#### **North Carolina**

Equal Employment Opportunity Commission, 129 West Trade St., Suite 400, Charlotte, NC 28202, 800-669-4000

North Carolina Human Relations Commission, 1711 New Hope Church Road (mailing address and physical address), Raleigh, NC 27609 1, 984-236-1850

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*As of November 2023*

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## John Hazen White College of Arts & Sciences

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- Rory Senerchia, Ph.D., associate dean
- Aimee Dufresne, Ph.D., associate dean

### **Faculty Emeritus**

- Domenic A. Vavala, Ph.D., FRSH, professor emeritus of health sciences & nutrition; B.A., Brown University; M.S., University of Rhode Island; M.A., Trinity University; M.Ed., University of Houston; Ph.D., Accademia di Studi Superiori Minerva; Sc.D., Med. Sc.D., Dr PH, Nobile Accademia di Santa Teodora Imperatrice (hon.); Ped.D., Studiorum Universitas Constantiniana (hon.); Litt.D., Universita Internazionale Sveva Federico, II; Ed.D., Accademia di San Cirillo (hon.); LLD (hon.), Fridericus II University; M.D. (hon.), Fridericus II University; D.H.S. (hon.), Johnson & Wales University; fellow, American Association for the Advancement of Science; fellow, Texas Academy of Science; fellow, American Institute of Chemists; fellow, Royal Society of Health (London)

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- Angela R. Renaud, Ed.D., dean emeritus, John Hazen White College of Arts & Sciences; B.A., University of Rhode Island; M.A., University of Rhode Island; Ed.D., Boston University
- Thomas J. Farrell, M.A., dean emeritus, John Hazen White College of Arts & Sciences; B.A., University of Notre Dame; M.A., University of Rhode Island

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- Jacquelyn Bowser, D.V.M., Ph.D., DACVIM-LA, department chair, equine studies
- Maureen Farrell, Ph.D., department chair, humanities
- Andrew Karatjas, Ph.D., department chair, science
- Evelina Lapierre, Ph.D., department chair, mathematics
- David Newman, M.A., department chair, social sciences
- Scott Palmieri, Ph.D., department chair, English
- Paul Sylvestre, Ph.D., department chair, criminal justice

### **Counselor Education Programs**

- Cheryl Almeida, Ph.D., department chair, Master of Science Counseling Programs

### **Faculty**

#### **Counselor Education Programs**

- Yesim Giresunlu, Ph.D., assistant professor; B.S., M.S., Ph.D., Old Dominion University; M.A., University of Redlands
- Jessica Paulhus, Ph.D., assistant professor; B.S., University of Rhode Island; M.S., Rhode Island College; Ph.D., Capella University
- Evan Smarinsky, Ph.D., LPC-S, assistant professor; B.A., University of Tulsa; M.S., Oklahoma State University; Ph.D., University of Arkansas

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- Paul Sylvestre, Ph.D., professor, department chair; A.S., Roger Williams College; B.A., Rhode Island College; M.S., Ph.D., Salve Regina University

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- Margaret Ann Shaw, M.A., associate professor; B.A., Columbia University; M.A., Louisiana State University
- Karen Shea, M.Ed., professor; B.A., Connecticut College; M.Ed., Rhode Island College
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- Evan Villari, M.F.A., associate professor; B.A., University of Rhode Island; M.F.A., Lesley University
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- Jacquelyn Bowser, D.V.M., Ph.D., DACVIM-LA, professor, department chair; B.Sc., Cornell University; D.V.M., St. George's University College of Veterinary Medicine, Grenada, West Indies; Ph.D., Mississippi State University College of Veterinary Medicine
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- Carey Stewart, M.Ed., lecturer; B.S., West Texas A&M University; M.Ed., William Woods University
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- Abd Elrahim Basal, M.S., lecturer; B.S., University of Damascus; M.S., University of Detroit Mercy; M.S., Florida Institute of Technology
- Ann Brett, Ph.D., professor; B.S., M.S., Ph.D., University of Rhode Island
- James H. Casey IV, MBA, lecturer; B.S., M.S., MBA, Northeastern University
- Evelina Lapiere, Ph.D., professor; department chair; B.S., State University of New York — Binghamton; M.A., State University of New York — Albany; Ph.D., University of Rhode Island
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- Jaimie Stone, M.S., associate professor; B.A., State University of New York — Geneseo; M.S., University of Connecticut

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- Cheryl Almeida, Ph.D., professor, department chair, counseling psychology, professor; B.A., The College of Holy Cross; M.A., Assumption College; Ph.D., Boston College
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- Michaela DeCataldo, CAGS, associate professor; B.A., M.A., Rhode Island College; CAGS, Salve Regina University
- Kevin DeJesus, Ph.D., associate professor; B.A., Rhode Island College; M.E.S., Ph.D., York University
- 
- Jessica Fede, Ph.D., professor; B.A., Colgate University; M.A., Boston College; Ph.D., University of Massachusetts — Amherst
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- Scott R. Papp, M.A., associate professor; B.S., United States Air Force Academy; M.S., University of Arkansas; M.A., University of Scranton
- 
- Jessica Sherwood, Ph.D., associate professor; B.A., Wesleyan University; M.S., Ph.D., North Carolina State University
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- Qingbin Wang, Ph.D., professor; B.E., Shandong Institute of Technology; M.A., Renmin University of China; Ph.D., State University of New York — Albany

## School of Education

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- Karen Swoboda, Ed.D., director, School of Education; B.A., M.A., University of Rhode Island; Ed.D., Johnson & Wales University

### Faculty

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- Stacey L. Kite, DBA, professor; B.S., M.S., Johnson & Wales University; DBA, University of Sarasota
- Victor D. Mercurio, Ed.D., associate professor; B.A. Boston College; M.Ed. Providence College; Ed.D. Boston College

## College of Business

### Dean

- Mary J. Meixell, Ph.D., dean, College of Business

### Associate Dean

- Therese Sprinkle, Ph.D., associate dean, College of Business

### Department Chairpersons

- Stephen Pyle, DBA, interim department chair, management, marketing
- Patricia Conn Ryan, DBA, department chair, accountancy & finance, marketing programs

### Faculty Emeritus

- Bernard LaBush, B.S., CPA, chairperson emeritus — department of accountancy, associate professor of accounting; B.S., Bryant College
- Carol Randall, M.S., CBE, CRI, chairperson emeritus — Office Education Department; associate professor of office education; B.S. Bryant College; M.S., University of Rhode Island
- Paul Trznadel, Ph.D (hon.), professor; B.S. Husson College; MBA, Suffolk University; M.S., Salve Regina University; Ph.D. (hon.), Johnson & Wales University

### Faculty

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- Elizabeth Cannata, MBA, CPA, associate professor; B.S., Stonehill College; MBA, Providence College
- Patricia Conn Ryan, DBA, CPA, professor; B.S., University of Rhode Island; M.S., Northeastern University; DBA, Liberty University
- Carlos A. Diaz, MBA, CPA, associate professor; B.S., MBA, University of Puerto Rico
- Deborah A. Doonan, MST, CPA, associate professor; B.S.B.A., Providence College; MST, Bryant University
- Jean Holt, M.S., associate professor; B.S., M.S., Johnson & Wales University
- Timothy Howes, M.S., associate professor; B.A., University of New Hampshire; M.S., Boston College
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- Peter A. Martino III, MBA, CPA, CGFM, associate professor; B.S., University of Rhode Island; MBA, Bryant University
- Barbara A. Norris, MBA, associate professor; B.S.B.A., MBA, Bryant University

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- Michelle Rego, Ph.D., professor; B.S., University of Massachusetts; MBA, Bryant University; Ph.D., University of Connecticut

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- Nicole Amos, MBA, #associate professor; B.A., Framingham State College; MBA, University of Massachusetts — Amherst
- Paul Boyd, Ph.D., professor and faculty director; B.S. Urban Studies, Union College; M.S., Arizona State University; Ph.D., Social Systems Sciences/Strategy, University of Pennsylvania
- Isaac Damoah, Ph.D., associate professor; B.A. University of Ghana, Legon-Accra; MBA, University of Wales, Cardiff, UK; Ph.D., Liverpool John Moores University
- Patricia Fisher, MBA, associate professor; A.S., B.S., MBA, Johnson & Wales University
- Sara Jablon-Roberts, Ph.D., professor; B.A., University of Pennsylvania; MFA, New York University; Ph.D., Iowa State University
- Bernard Kenney, MBA, assistant professor; B.S., Boston College; MBA, Suffolk University
- John Krupa, DBA, professor; B.S., Management/Marketing, Bryant University; M.A., Counseling, Rhode Island College; MBA, Providence College; DBA., Organizational Leadership, Northcentral University
- Nihar Kumthekar, Ph.D., associate professor; Ph.D., Logistics, Materials, and Supply Chain Management, Georgia Southern University; GMBA, Global Logistics and Supply Chain Management, SP Jain Center of Management; BE, Mechanical, Sardar Patel University
- Franklin Satttherthwaite, Ph.D., professor; B.A., Psychology, Princeton University; M.U.S., Master of Urban Studies, Yale University; Ph.D., Organizational Behavior, Yale University
- Magnus Thorsson, Ph.D., professor; B.S., Johnson & Wales University; M.A.T, Bennington College; Ph.D., Iowa State University, Hospitality Management
- Nancy N. Tourani, Ph.D., associate professor; B.S., Iran University of Science and Technology; MBA, Shariff University of Technology; Ph.D., New Mexico State University
- John D. Varlaro, Ph.D., professor; B.A., Ithaca College; MBA, University of Hawaii at Manoa; Ph.D., The Chicago School of Professional Psychology

## College of Engineering & Design

## Administration

- Francis X. Tweedie, Ed.D., dean
- Nicola LaManna, M.Ed., assistant dean

## Department Chairpersons

- Deana Marzocchi, M.S., department chair, design
- Kathryn Parchesco, M.S., department chair, engineering and computer science

## Faculty

### Department of Computer Science

- Anthony Chavis, M.S., assistant professor; B.S., Western International University; M.S., Boston University
- Peter Reid, MBA, assistant professor; B.S., Worcester State College; MBA, Bryant University
- Sukanya Suranauwarat, Ph.D., Assistant Professor; B.S., Kyusnu University; M.S., Kyusnu University; Ph.D., Kyusnu University
- Jeffrey Tagen, M.S., associate professor; B.A., University of Rhode Island; M.S., Georgia Institute of Technology
- Doug Tondreau, M.S., assistant professor; B.A., University of Rhode Island; M.S., Boston University

### Department of Design

- Deborah Canning, M.S., instructor; B.S., Syracuse University; M.S., California State University
- Tim Cox, M.F.A., associate professor; B.A., Harding University; M.F.A., Savannah College of Art & Design
- Jonathan Harris, MID, LEED-AP, associate professor; B.A., University of Wisconsin-Madison; MID, Rhode Island School of Design
- Karyn Jimenez-Elliott, M.F.A., associate professor; B.F.A., Moore College of Art & Design; M.F.A., University of the Arts
- Deana Marzocchi, M.S., associate professor, department chair; B.S., Rhode Island College; B.S., M.S., Salve Regina University
- Gail McCarthy, MBA, associate professor; B.A., Rhode Island College; MBA, Bryant University
- Diane Santurri, M.Ed., associate professor; B.S., Bryant University; M.Ed., Johnson & Wales University
- Eugene Santos, M.A., Instructor; B.A., Rhode Island College; M.A., Rhode Island College
- Walter Zesk, M.Arch., associate professor; B.A., Wesleyan University; M.Arch., Rhode Island School of Design

### Department of Engineering

- Kathryn Parchesco, M.S., associate professor, department chair; B.A., Marquette University; M.S., Johnson & Wales University
- Wai Yung, M.S., associate professor; B.S., M.S., University of Rhode Island

# College of Food Innovation & Technology

## Administration

- Jason R. Evans, Ph.D., dean
- Susan Marshall, Ed.D., associate dean
- Gilbert Stansfield, MBA, CEC, assistant dean
- T.J. Delle Donne, M.A.T., CEC, assistant dean of culinary relations & special projects
- Erik E. Goellner, director of College of Food Innovation & Technology procurement & operations

## Department Chairpersons

- Jennifer Broderick, Ed.D., CHE, department chair, beverage and front of the house
- Jeremy Houghton, MBA, B.S., department chair, culinary arts
- Susan Lagalle, B.S., CEPC, department chair, international baking & pastry institute
- Michael D. Makuch, M.A.T., CEC, department chair, interdisciplinary food studies
- Richard Miscovich, MBA, CABB, department chair, international baking & pastry institute
- Valeria Molinelli, M.A.T., department chair, culinary arts

## Faculty Emeritus

- George O'Palenick, M.A.T., CCE, CEC, AAC, chef emeritus; M.A.T., Johnson & Wales University

## Faculty

- Rizwan Ahmed, B.S., associate instructor; University of Maine at Machias
- Jeffery D. Alexander, M.Ed., CABB, associate instructor; B.S., Johnson & Wales University; M.Ed., Johnson and Wales University
- Vanessa Ali, M.A.T., associate professor; B.S., Johnson & Wales University; M.A.T., Johnson & Wales University
- John Aukstolis, A.S., instructor; A.S., Johnson & Wales University
- Marina Brancely, B.S., senior instructor; B.S., Johnson & Wales University
- Matthew Britt, M.Ed., assistant professor; BPS, Culinary Institute of America; M.Ed. Johnson and Wales University
- Jennifer Broderick, Ed.D., CHE, professor, department chair; B.S., Southern Connecticut University; MBA, University of Phoenix; Ed.D., Johnson & Wales University
- Robert L. Brown, MBA, CHE, associate professor; A.S., B.S., Johnson & Wales University; MBA, American Intercontinental University
- Tim Brown, B.S., CHE, senior instructor; B.S., The International Education Council
- Christoph Bruehwiler, CEPC, instructor
- Thomas Choice, WSET, instructor
- Marc DeMarchena, M.A.T., WSET, FDRP, SWE, associate professor; A.O.S., B.S., M.A.T., Johnson & Wales University
- Richard DeMaria, M.A.T., assistant professor; B.S., University of Rhode Island; M.A.T., Johnson & Wales University
- Kelly Fernandes, B.S., instructor; B.S., Johnson & Wales University
- Renee Gemmer, M.S., assistant professor; B.S., Endicott College, M.S., George Washington University
- Christina Harvey, A.O.S., CEPC, senior instructor; A.O.S., Culinary Institute of America
- Mark Harvey, A.O.S., CEPC, associate instructor; A.O.S., Culinary Institute of America
- Katrina Herold, M.Ed., professor; B.S., Johnson & Wales University; M.Ed., Northeastern University
- Ciril Hitz, M.A.T., CABB, senior instructor; B.F.A., Rhode Island School of Design; M.A.T., Johnson & Wales University
- Jeremy Houghton, MBA, associate professor, department chair; B.S., MBA, Johnson & Wales University
- Steven Johansson, A.O.S., CCC, instructor; A.O.S., Culinary Institute of America
- Juergen Knorr, B.S., CEC, instructor; European Apprenticeship; B.S., Johnson & Wales University
- Jean-Louis Lagalle, B.S., senior instructor; A.O.S., B.S., Johnson & Wales University
- Susan Lagalle, B.S., CEPC, senior instructor, department chair; B.S., Johnson & Wales University
- Dean Lavornia, M.Ed., CEPC, associate professor; A.O.S., B.S., M.Ed., Johnson & Wales University
- William Lendway, M.S., assistant professor; B.S., M.S., University of Minnesota
- Branden Lewis, Ed.D., CEC, professor; B.S., MBA, Johnson & Wales University; Ed.D., University of Wisconsin
- Wyatt Maguire, B.S., associate instructor; B.S., Johnson & Wales University
- Michael Makuch, M.A.T., associate professor, department chair; A.S., B.S., M.A.T., Johnson & Wales University
- Ted McCall, Ed.D., professor; A.S., B.S., M.A.T., Johnson & Wales University; Ed.D., Northeastern University
- Ray McCue, M.Ed., CEC, master instructor; A.S., B.S., M.Ed., Johnson & Wales University
- Joseph Melanson, M.A.T., CHE, associate professor; A.S., B.S., M.A.T., Johnson & Wales University
- Maura Metheny, B.F.A., assistant professor; B.F.A., Alfred University

- Stacy Mirabello, M.S., CEPC, associate professor; A.S., B.S., M.S., Johnson & Wales University
- Richard Miscovich, MBA, CABB, associate professor, department chair; B.A., Michigan State University; MBA, Johnson & Wales University
- Valeria Molinelli, M.A.T., senior instructor, department chair; A.S., B.S., M.A.T., Johnson & Wales University
- Ruben Morawicki, Ph.D., associate professor, director of EcoLab Center for Culinary Science; B.S., Universidad Argentina; M.S., State University of New York; Ph.D., Pennsylvania State University
- Neath Pal, instructor; Grand Diplome, La Varenne École de Cuisine
- Jennifer Parisi, M.S., CHE, assistant professor; M.S., New York University
- Jennifer Pereira, MBA, DWS, CWE, associate professor; B.A., New England Culinary Institute; MBA, Johnson & Wales University
- David Petrone, B.S., CWC, CCE, CFE, associate instructor; A.O.S., B.S., Johnson & Wales University
- Craig Piermarini, M.A.T., associate professor; A.S., B.S., M.A.T., Johnson & Wales University
- Jonathan Poyourow, M.A., RD, associate professor; B.S., Johnson & Wales University; M.A., Liberty University
- David Ricci, instructor
- Thao T. Rich, B.S., CEPC, associate instructor; B.S., Johnson & Wales University
- Valerie Ryan, assistant professor; B.S. Framingham State University; M.L.A., Boston University
- Jaime Schick, M.Ed., assistant professor; B.S., M.Ed., Johnson & Wales University
- Todd Seyfarth, M.S., RD, CSSD, associate professor; B.S., Johnson & Wales University; M.S., State University of New York — Stony Brook
- Mark Soliday, A.O.S., associate instructor; A.O.S., Culinary Institute of America
- Vincent Sperling, M.A.T., instructor; B.S., Delhi State University New York; M.A.T., Johnson & Wales University
- Lynn Tripp, M.S., CFS, associate professor; B.S., Bridgewater State College; M.S., University of Massachusetts
- Rolland Wesen, M.Ed., associate professor; B.S., Carnegie Mellon University; M.Ed., Johnson & Wales University
- Robert Zielinski, A.S., CEPC, associate instructor; A.S., Johnson & Wales University
- Russ Zito, M.S., associate professor; A.O.S., B.S., M.S., Johnson & Wales University

## College of Health & Wellness

### Administration

- Maura Daly Iversen, PT, DPT, SD, M.P.H., FAPTA, FNAP, dean
- Rebecca L. Simon, Ed.D., M.S., OTR/L, FAOTA, associate dean, College of Health & Wellness

### Department Chairpersons/Program Directors

- Kara Cucinotta, D.C.N., M.S., RDN, LDN, CNSC, program director, Dietetics & Applied Nutrition
- Cara Sammartino, Ph.D., M.S.P.H., department chair, Health Science
- Nancy Robert Dooley, Ph.D., OTR/L, program director, Entry Level Occupational Therapy Doctorate
- Thomas P. Meehan, Ph.D., PA -C, M.S.P.A.S., program director, Physician Assistant Studies
- Suzan Menihan, DNP, RN, CNM, director of nursing, Accelerated Second Bachelor of Science in Nursing
- Jonathan Noel, Ph.D., B.S., M.P.H., program director, Master of Science Public Health
- Luciana Soares, DCN, RDN, LDN, FAND, program director, Master of Science Clinical Nutrition & Dietetics
- Paul A. Ullucci, Jr., PT, PhD, DPT, ATC, SCS, CSCS, program director, Doctor of Physical Therapy\*

## Faculty

### Accelerated Bachelor of Science in Nursing (post baccalaureate)

- Michelle Bull, DNP, RN, CNL, associate professor; DNP RI College, MSN Sacred Heart University
- Eric Buonaccorsi, MSN, RN, RN-BC, CMSRN, simulation coordinator, assistant professor; DPN Regis College, MSN Walden University
- Kiley Medeiros, PhD, RN, assistant professor; PhD UMASS Dartmouth, MSN University of Phoenix, BS UMASS Dartmouth
- Judy Nicotera, DNP, RN, CNE, clinical coordinator, associate professor; DNP Regis College
- Marie Woolery, MSN, APRN, assistant professor; MSN Walden University

### Health Science

- Cara Sammartino, PhD, department chair, professor; PhD Brown University, MPH Emory University, BS University of Vermont
- Kelsey A. Gately, OTD, OTR/L, postdoctoral teaching & research fellow; OTD Johnson & Wales University, BA Marlboro College
- Samantha Rosenthal, PhD associate professor; PhD Brown University, MPH Brown University, BS Carnegie Mellon University
- Ray Spradlin, PhD assistant professor; PhD University of Florida, BS University of Florida
- Jennifer E. Swanberg, Ph.D., MMHS, OTR/L, professor; PhD & MMHS Brandeis University, BS University of New Hampshire

### Nutrition & Dietetics

- Allison Acquisto, M.A.T., RDN, LDN, associate professor, experiential learning coordinator; B.S., University of Rhode Island; M.A.T., Johnson & Wales University
- Kara Cucinotta, D.C.N., RDN, LDN, CNSC, program director, associate professor; A.S., B.S., Johnson & Wales University; M.S., Boston University; D.C.N., Maryland University of Integrative Health
- Nader (Nick) Hamdi, MS, RDN, LDN, assistant professor; PhD in progress—University of Rhode Island, MS University of Illinois Urbana-Champaign, BS University of California, Davis
- Michelle Pearson, M.S., RDN, LDN, instructor; B.S., University of Massachusetts — Boston; M.S., Tufts University Friedman School of Nutrition Science and Policy
- Kerri Rush, M.S., RDN, LDN, CDOE, CVDOE, instructor; B.S., M.S., University of Rhode Island
- Lori Bechard, PhD, MEd, RDN, FASPEN, associate professor; PhD Rutgers University School of Health Professions, MEd Framingham State University, BS University of Vermont

### Occupational Therapy Doctorate

- Kathryn Burke, OTD, OTR/L, assistant professor; OTD University of Augustine for Health Sciences, BS Worcester State University
- Monique Dawes, OTD, OTR/L, assistant professor; OTD Boston University, MS & BS Boston University
- Nancy Dooley, PhD., OTR/L, CDP, program director, professor; PhD & MA New York University, BS Quinnipiac University
- Andrea Fairman, Ph.D. OTR/L, professor; PhD University of Pittsburgh, MOT & BS Duquesne University
- Sheridan Ferland, OTD, OTR/L, capstone coordinator, assistant professor; OTD Boston University, MS & BS University of New Hampshire
- Bethany Horne, OTD, MS, OTR/L, academic fieldwork coordinator, assistant professor; OTD, MS & AS New England Institute of Technology
- Tania Rosa, OTD, OTR/L, assistant professor; OTD Quinnipiac University, MS & BS Sacred Heart University
- Shannon Strate, OTD, OTR/L, assistant professor; OTD & MS New England Institute of Technology, BS University of Rhode Island, AS New England Institute of Technology

### Physical Therapy Doctorate\*

- Emily Berthelette, DPT, BS, CCFT, director of clinical education, assistant professor DPT University of Hartford, BS University of Rhode Island
- Erin Faraclas, PT, DPT, PhD, MSCS, NBC-HWC Associate Professor PhD Rocky Mountain University of Health Professions, DPT Temple University, MS & BS American International College

- Sandra P. Gibson, PT, DPT Assistant Professor DPT Arcadia University, BS Northeastern
- Justin Z. Laferrier, PT, PhD, NCS, OCS, SCS, ATP, CSCS, AIB-VR, associate program director, associate professor; PhD University of Pittsburgh
- Kevin M. Pozzi, PT, DPT, OCS, ATC Assistant Professor DPT University of Montana, MS University of Rhode Island, BS Northeastern
- Elke Schaumberg, PT, MS, DPT, PhD Assistant Professor PhD Texas Woman's University, DPT Simmons College, MS & BS University of Colorado
- Paul A. Ullucci, Jr., PT, PhD, DPT, ATC, SCS, CSCS DPT, program director, associate professor; PhD & DPT Rocky Mountain University of Health Professions, BS Northeastern

*\*Graduation from a physical therapist education program accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 3030 Potomac Ave., Suite 100, Alexandria, Virginia 22305-3085; phone; 703-706-3245; accreditation@apta.org is necessary for eligibility to sit for the licensure examination, which is required in all states.*

*Johnson & Wales University is seeking accreditation of a new physical therapist education program from CAPTE. The program is planning to submit an Application for Candidacy, which is the formal application required in the pre-accreditation stage, on June 1, 2024. Submission of this document does not assure that the program will be granted Candidate for Accreditation status. Achievement of Candidate for Accreditation status is required prior to implementation of the [professional/technical] phase of the program; therefore, no students may be enrolled in [professional/technical] courses until Candidate for Accreditation status has been achieved. Further, though achievement of Candidate for Accreditation status signifies satisfactory progress toward accreditation, it does not assure that the program will be granted accreditation.*

#### Physician Assistant Studies

- Craig Baillie, PA-C, M.Sc., assistant professor; B.S., Massachusetts College of Pharmacy & Health Science University; M.Sc., Massachusetts College of Pharmacy & Health Science University
- Caroline Cerio, PA-C, MSPAS, assistant professor; PA Providence College, BS Jefferson College of Health Sciences (now Radford University)
- Aleko Kimbouris, PA-C, M.P.H., M.S.H.S., director of didactic education, assistant professor; B.Sc., Worcester State University; M.P.H., M.S.H.S., The George Washington University
- Kelli Kruzel, PA-C, M.S.P.A.S., director of clinical education, associate professor; B.A., Canisius College; M.S.P.A.S., D'Youville College
- Elizabeth Mann, MSPAS, MPH, PA-C, assistant professor; MSPAS & MPH Touro University, Nuclear Medicine Technologist Certificate University of Massachusetts School of Medicine / Worcester State College, BS Massachusetts Maritime Academy
- Rebecca Muller, PA-C, MSPAS, assistant professor; MSPAS Medical University of South Carolina, BS Quinnipiac University
- Lora Robertson, PA-C, M.M.Sc., assistant professor; B.A., The Ohio State University; M.M.Sc., Nova Southeastern University
- Diane Siedlecki, M.D., medical director; B.S., Niagara University; B.S., Rutgers University; M.D., Georgetown School of Medicine
- Mallory J. Sullivan, PA-C, M.P.A.S., associate clinical coordinator, assistant professor; B.S., Roger Williams University; M.P.A.S., Massachusetts College of Pharmacy and Health Sciences

#### Public Health

- Jonathan Noel, Ph.D, program director, associate professor; PhD, MPH, & BS University of Connecticut
- Ezenwayi Amaechi Ejiribe, Ph.D, MBA, experiential education coordinator, associate professor; PhD Walden University, MBA Johnson & Wales University, BS Bryant University
- Sara Namazi, PhD, MS, assistant professor; PhD University of Connecticut, MS & BA University of Guam

## College of Hospitality Management

#### Administration

- Jennifer A. Galipeau, Ed.D., interim dean, College of Hospitality Management
- Jane Boyland, M.S., CHE, interim associate dean, College of Hospitality Management

#### Department Chairpersons

- Jane Boyland, M.S., CHE, department chair, The International Hotel School
- Lee A. Eस्कilsen, CVE, department chair, Sports, Entertainment, Event — Management
- Michael Sabitoni, M.S., CHE, department chair, Food & Beverage Management, International Travel & Tourism Studies

#### Faculty

##### Department of Food & Beverage Management

- Ronald I. Blum Jr., M.S., CHE, associate professor; B.A., Mercyhurst College; M.S., Johnson & Wales University
- Patricia Bowman, M.S., FMP, CHE, CFSP, associate professor; B.A., University of Wisconsin — Stout; M.S., Johnson & Wales University
- James E. Griffin, Ed.D., CEC, CCE, professor; B.S., M.S., Johnson & Wales University; Ed.D., Boston University
- Nicholas Makris, DBA, CHE, associate professor; B.S., MBA, Johnson & Wales University
- Dean A. Mistretta, MBA, CHE, associate professor; A.S., Northern Virginia Community College; B.A., Curry College; MBA, Johnson & Wales University
- Michael Sabitoni, M.S., CHE, FMP, associate professor, department chair; A.S., B.S., M.S., Johnson & Wales University
- Matthew Samel, Ph.D., CHE, FMP, professor; A.S., B.S., MBA, Johnson & Wales University; Ph.D., Capella University
- Douglas Stuchel, M.A.T., CHE, associate professor; A.S., B.S., M.A.T., Johnson & Wales University
- Brian A. Van Gyzen, MBA, CHE, associate professor; A.A., Community College of Rhode Island; B.A., Rhode Island College; MBA, Johnson & Wales University

##### Department of Sports, Entertainment, Event — Management

- Elizabeth Covino, M.S., CHE, associate professor; B.A., University of Connecticut; M.S., Springfield College
- Lee A. Eस्कilsen, M.S., CVE, CHE, associate professor, department chair; A.S., Dean College; B.S., Bowling Green State University; M.S., Indiana University
- William T. Klika III, Ph.D., CHE, RSCC\*E, associate professor; B.A., Lehigh University; M.A.T., Fairleigh Dickinson University; Ph.D., Concordia University, Chicago
- Elizabeth Panciera, MBA, CHE, associate professor; B.A., MBA, Johnson & Wales University
- Louis A. Pullano, M.S., CHE, associate professor; B.S., M.S., University of Rhode Island
- Julie Viscardi-Smalley, M.S., CHE, associate professor; B.M., M.S., Syracuse University

##### Department of International Travel & Tourism Studies

- Kathleen Drohan, M.A.T., CHE, associate professor; B.S., University of Rhode Island; M.A.T., Johnson & Wales University
- Bryan J. Lavin, MBA, CHE, associate professor; B.S., Worcester State University; MBA, Johnson & Wales University
- Tiffany Rhodes, D.Min., CHE associate professor; B.S., Millersville University of Pennsylvania; M.A., Multnomah University; M.Div., D.Min., Gordon Conwell in South Hamilton
- Michael Sabitoni, M.S., CHE, FMP, associate professor, department chair; A.S., B.S., M.S., Johnson & Wales University

##### The International Hotel School

- Paul Bagdan, Ph.D., CHE, professor; A.O.S., A.S., Schenectady County Community College; B.S., University of Massachusetts; M.S., Rochester Institute of Technology; Ph.D., Kansas State University
- Jane Boyland, M.S., FMP, CHE, associate professor, department chair; A.O.S., Johnson & Wales University; B.S., University of New Hampshire; M.S., University of Massachusetts
- Catherine Davin, M.S., CHE, associate professor; B.S., M.S., Cornell University
- Leslie Kosky, M.Ed., CHE, associate professor; B.A., University of Delaware; M.Ed., University of Guam
- Dale M. Silva, MBA, CHE, associate professor; A.S., B.S., MBA, Johnson & Wales University

- Robert B. Wahl, M.S., CRME, CHE, associate professor; B.S., M.S., Johnson & Wales University
- Rex Warren, Ph.D., CHE, assistant professor; B.S., M.S., University of Nevada, Las Vegas; Ph.D., Iowa State University
- Peter Zacchilli, M.S., CHE, associate professor; B.S., University of Massachusetts; M.S., Lesley College

## College of Professional Studies

### Administration

- Cynthia L. Parker, Ed.D., vice president, College of Professional Studies
- David Cartwright, Ed.D., CPA, dean, College of Professional Studies
- Joshua McCarthy, Director of Online Enrollment Management
- Diane McCrohan, MBA, director of academic programs
- Matthew O'Brien, MBA, director of online student services
- Michael O'Malley, MBA, director of academic programs
- Angelo Pitassi, Director of Corporate Relationships
- Stephen Pyle, DBA, CHE, director of academic programs
- Scott Smith, Ph.D., CEC, CCE, director of online culinary programs
- Lyndsy Tainsh, MS, director of academic programs
- Kristin Wakefield, Ed.D, Director of Professional Training

### Faculty

- Nicole Amos, MBA, associate professor; B.A., Framingham State University; MBA, University of Massachusetts, Amherst
- Stephen Andrade, M.Ed., lecturer; B.A., University of Rhode Island; M.Ed., Northeastern University
- Paul Bagdan, Ph.D., CHE, professor; A.O.S., A.S., Schenectady County Community College; B.S., University of Massachusetts, M.S., Rochester Institute of Technology; Ph.D., Kansas State University
- Julie Bilodeau, DBA, SPHR, SHRM-SCP, professor, DBA program director; B.S., MBA, Johnson & Wales University; DBA, Argosy University — Sarasota
- Ronald Blum, M.A., associate professor; B.A., Mercyhurst College; M.A., Johnson & Wales University
- Patricia Bowman, M.S., FMP, CHE, CFSP, associate professor; B.A., University of Wisconsin — Stout; M.S., Johnson & Wales University
- Paul Boyd, Ph.D., professor; B.S., Union College; M.S., Arizona State University; Ph.D., University of Pennsylvania
- Jane Boyland, M.S., associate professor, department chair; A.A.S., Johnson & Wales University; B.S., University of New Hampshire; M.S., University of Massachusetts — Amherst
- Jennifer Broderick, Ed.D., professor, department chair; B.S., Southern Connecticut State University; MBA, University of Phoenix
- Michael Budziszek, Ph.D., associate professor; B.S., M.S., Ph.D., University of Rhode Island
- Elizabeth Carey, MBA; associate professor; A.B., College of the Holy Cross; MBA, Providence College
- John S. Chiaro, M.S., CEC, CCE, associate professor; B.A., Rhode Island College; M.S., Johnson & Wales University
- Michael Childers, J.D., professor, college chair; B.B.A., B.S., University of North Carolina; J.D., Wake Forest University
- Elizabeth Covino, M.S., CHE, associate professor; B.A., University of Connecticut; M.S., Springfield College
- Catherine Davin, M.S., associate professor; B.S., M.S., Cornell University
- Joseph Delaney, Ed.D., professor; B.S., Suffolk University; M.A., University of Massachusetts — Boston; Ed.D., Boston University
- Kathleen Drohan, M.A.T., CHE, associate professor; B.S., University of Rhode Island; M.A.T., Johnson & Wales University
- Lee Esckilsen, M.S., CFE, CHE, associate professor; A.S., Dean College; B.S., Bowling Green State University; M.S., Indiana University
- Maureen Farrell, Ph.D., professor, department chair; B.A., M.A., University of Rhode Island; Ph.D., University of Notre Dame
- Laura Gabiger, Ph.D., professor; B.A., State University of New York — Buffalo; M.A., Ph.D., University of North Carolina, Chapel Hill
- James Griffin, Ed.D., professor; A.O.S., B.S., M.A.T., Johnson & Wales University; Ed.D., Boston University
- Kenny Harmon, associate professor; M.A., University of North Carolina, Charlotte
- Adam Hartman, Ph.D., associate professor; B.S., George Washington University; B.A., George Washington University; Ph.D., Brown University
- David Hood, MBA, professor; B.S., MBA, Johnson & Wales University
- Debbie C. Howarth, Ed.D., CHME, CHDM, professor; B.S., University of Vermont; M.S., University of Nevada, Las Vegas; Ed.D., Boston University
- Timothy Howes, M.S., associate professor; B.A., University of New Hampshire; M.S., Boston College
- Larry Hughes, Ph.D., professor; B.S., MBA, University of Nebraska — Kearney; graduate certificate in finance, Ph.D., University of Nebraska — Lincoln
- Stacey L. Kite, DBA, professor; B.S., M.S., Johnson & Wales University; DBA, Argosy University
- William Klika, Ph.D., associate professor; B.A., Lehigh University; M.A., Fairleigh Dickinson University; Ph.D., Concordia University
- Leslie Kosky, M.Ed., associate professor; A.S., Delaware County Community College; B.A., University of Delaware; M.Ed., University of Guam
- John Krupa, DBA, professor; B.S., Bryant College; MBA, Providence College; M.A., Rhode Island College; DBA, Northcentral University
- Lawrence LaFauci, M.S., associate professor; B.S., Providence College; M.S., Johnson & Wales University
- Bryan Lavin, MBA, associate professor; B.A., Worcester State University; MBA, Johnson & Wales University
- Colleen Less, J.D., professor; B.A., University of Massachusetts; J.D., Suffolk University Law School
- Dawn Lopez, MBA, associate professor; B.S., MBA, Winthrop University
- Robert Lothrop, MBA, professor; A.A.S., B.S., Johnson & Wales University; MBA, University of Phoenix
- Peter A. Martino III, MBA, CPA, CGMA, CGFM, associate professor; B.S., University of Rhode Island; MBA, Bryant University
- Eileen Medeiros, Ph.D., professor; B.A., University of Connecticut; M.A., Ph.D., University of Rhode Island
- Mohammad Moshtaghi, MBA, associate professor; B.S., MBA, The Citadel
- Mansour Moussavi, Ph.D., professor; B.A., Sheffield Hallam University; MBA, University of Scranton; Ph.D., Salve Regina University
- David Newman, M.A., associate professor, department chair; B.A., Rutgers University; M.A., University of Chicago; M.A., Brown University
- Jonathan Noel, Ph.D., faculty, director of the Master of Public Health Program; B.S., M.P.H., Ph.D., University of Connecticut
- Scott Palmieri, Ph.D., professor, department chair; B.A., Providence College; M.A., University of Rhode Island; Ph.D., Salve Regina University
- Elizabeth Panciera, MBA, associate professor; B.S., MBA, Johnson & Wales University
- Mark Peres, J.D., professor; A.B., Rollins College; J.D., Florida State University
- Louis Pullano, M.S., CHE, associate professor; B.S., M.S., University of Rhode Island
- Kristen Regine, DBA, professor; B.S., Johnson & Wales University; M.S.M., Lesley College; DBA, Argosy University
- Michelle Rego, Ph.D., MBA, professor; B.S., University of Massachusetts; MBA, Bryant University; Ph.D., University of Connecticut
- Tiffany Rhodes, D.Min., associate professor; B.S., Millersville University of Pennsylvania; M.A., Multnomah University; M.Div., D.Min., Gordon Conwell in South Hamilton
- Kimberly Rosenbaum, M.H.A., associate professor; B.S., Johnson & Wales University; M.H.A., University of Las Vegas
- Michael Sabitoni, M.S., CHE, FMP, associate professor, department chair; A.S., B.S., M.S., Johnson & Wales University
- Cara Sammartino, Ph.D., associate professor, department chair; B.S., University of Vermont; M.S.P.H., Emory University; Ph.D., Brown University
- Matthew Samel, Ph.D., CHE, FMP, professor; A.S., Hagerstown Community College; A.S., B.S., MBA, Johnson & Wales University; Ph.D., Capella University
- Diane Santurri, M.Ed., associate professor; B.S., Bryant University; M.Ed., Johnson & Wales University
- Desiree Schuler, M.A., associate professor; B.S., M.A., Rhode Island College



- Cynthia Sharp Carr, D.V.M., associate professor; D.V.M., The Ohio State University College of Veterinary Medicine
- Karen Shea, M.Ed., professor; B.A., Connecticut College; M.Ed., Rhode Island College
- Dale M. Silva, Ed.D., CHE, associate professor; A.S., B.S., MBA, Ed.D., Johnson & Wales University
- Martin Sivula, Ph.D., lecturer; B.S., M.Ed., Fitchburg State College; Ph.D., University of Connecticut
- Douglas Stuchel, M.A.T., CHE, associate professor; A.S., B.S., M.A.T., Johnson & Wales University
- Ryan Tainsh, M.S., professor; B.A., M.S., University of Rhode Island
- Magnus Thorsson, M.A., professor; A.S., Hotel & Catering School of Iceland; B.S., Johnson & Wales University; M.A., Bennington College
- Brian Van Gyzen, MBA, associate professor; A.A, Community College of Rhode Island; B.A., Rhode Island College; MBA, Johnson & Wales University
- Julie Viscardi-Smalley, M.S., associate professor; B.A., M.S., Syracuse University
- Geraldine E. M. Wagner, Ph.D., professor; B.A., Brooklyn College; M.A., Ph.D., Brown University
- Robert Wahl, M.S., CHE, associate professor; A.S., B.S., M.S., Johnson & Wales University
- Wendy Wagner, Ph.D., professor; B.A., Cornell University; M.A., Ph.D., Duke University
- Rex Warren, M.S., assistant professor; B.S., M.S., University of Nevada, Las Vegas
- Brian J. Warren, MBA, CHE, associate professor; B.A., Harvard University; MBA, University of Rhode Island
- Christopher Westgate, Ph.D., professor; B.S., Cornell University; M.A., Columbia University; Ph.D., Texas A & M
- Carla White, Ph.D., professor; B.A., Wheelock College; M.A., University of Rhode Island; Ph.D., Capella University
- Alistair Williams, Ph.D., CHE, WSET, professor; B.S., Sheffield Hallam University; M.Sc., University of Huddersfield; Ph.D., Leeds Beckett University
- James Woods, Ph.D., assistant professor; MBA, Ball State University; M.A., Morehead State University; Ph.D., Purdue University
- Erin Wynn, M.A., associate professor; B.S., New York University; M.A., Hunter College
- Manasseh Zechariah, Ph.D., professor; B.Sc., Calcutta University; M.A., Jawaharlal Nehru University; Ph.D., University of California, Irvine
- Walter Zesk, M.S.E.M., associate professor; B.A., Wesleyan University; M.Arch., Rhode Island School of Design; M.S.E.M., Tufts University

## Department Directories \*

### University Administration

#### Office of the Chancellor

- Mim L. Runey, LP.D., chancellor
- Cara Rooney '05 MBA, director of executive services
- Emily Gilcreast '19 MBA, university secretary

#### Office of the Providence Campus President

- Marie Bernardo-Sousa, LP.D., '92, president, Providence Campus
- Tara McGee, B.A., executive assistant

#### Office of the Charlotte Campus President

- Richard G. Mathieu, Ph.D., president, Charlotte Campus

#### Provost Office

- Richard Wiscott, Ph.D., provost
- Jennifer Adams Galipeau, Ed.D., associate provost for academic affairs
- Dameian Slocum '00, '21 Ed.D., assistant provost for student achievement
- Sheri Young, Ed.D., '93, assistant provost for experiential education and industry relations
- Amy Ricci, Ed.D., executive director of academic operations

### Office of the General Counsel

- Luba Shur, J.D., vice president and general counsel
- Sarah Julian Duffy, J.D., associate general counsel
- Robyn Bernstein, J.D., associate general counsel

### Academic Success Center

- Eileen Medeiros, Ph.D., director
- Emelia Orellana, M.Ed., program manager
- Flynn Doncaster, information specialist
- Catherine Barry, coordinator

### Accessibility Services

- Nicole Hebert, MBA, M.S.W., LICSW, director of accessibility services
- Hinda Levin-Kreiger, M.S., accessibility services advisor
- Fatima Martins Abbott, M.S.W., LICSW, learning effectiveness in action program advisor
- Shelly Olausen, M.Ed., accessibility services advisor
- Cheryl Pannozzo, M.Ed., accessibility services advisor
- Dawn Roland, M.Ed., accessibility services advisor
- Alexandra Vogt, M.S., CALT, learning effectiveness in action program advisor

### Campus Safety & Security

- LeRoy Rose, executive director of campus safety & security

### Enrollment Management

- Akhil Gupta, vice president of enrollment management
- Meredith Twombly, associate vice president of enrollment management
- Kenneth Calamar, B.A., director of enrollment management information services
- Thomas Gauthier, M.S., director of educational partnerships
- Teresa Mauk, M.A., director of graduate admissions
- Joshua McCarthy, MBA, CPS director of enrollment management
- Amy O'Connell, B.A., director of admissions
- Kortni Campbell, M.A., director of admissions
- Caroline Pelland, MBA, director of admissions operations
- Becky Pellegrino, B.S., director of enrollment management, technology & analytics
- Christine Sullivan, B.S., director of admissions visitor programs
- Dawn Sweeney, B.S., director of admissions representative network
- Cristina J. Torres, MBA, director enrollment management operations
- Peggy Lo, MBA, director of university visual content
- Ed Pereira, assistant director of design services

### Equity & Compliance Services

- Matthias Rubekeil, J.D., Title IX coordinator, nondiscrimination coordinator and Section 504 coordinator
- Sandra Lawrence, B.S., CCEP, compliance associate
- Piya Sarawgi, MBA, equity & compliance services communications manager

### Experiential Education & Career Services

- Andrea Frost, MBA, director of experiential education & career advising
- Bryan Mullin, MBA, director of employer relations
- Donna Remington, MBA, senior director of experiential education & career services

### Facilities Management/Physical Plant

- Jason Witham, vice president of real estate and facilities planning

### Finance

- Joseph J. Greene Jr., M.S., CPA, vice chancellor of finance and administration
- Danielle Santamaria, CPA, '13 MBA vice president of finance
- Michele von Hein, director of financial planning & analysis

- Denise Zervas, university controller
- Diane Cunha, assistant university controller

### Human Resources & Payroll

- Diane D'Ambra, M.S., SPHR, SHRM-SCP, vice president of human resources
- Rebecca Tondreau, B.A., director of human resources
- Christine Oliver, B.S., director of benefits
- Diane Bonin, B.S., director of student employment
- Karen Almond, M.S., director of employee recruitment

### Information Technology

- Dave Souza, B.S., vice president of information technology
- Donna Caccia, B.S., director of university information systems
- Lisa Caroselli, M.S., PMP, director of enterprise crm
- Tim Donehower, M.S., director of academic technology & IT service management
- David Nardolillo, B.S., director of IT infrastructure
- Stephen A. Sabetta, MBA, PMP, director of IT project management
- Nicholas M. Tella, MBA, chief information security officer

### JWU Global

- Lynn Robinson, M.S., executive director of JWU Global
- Wesley D. Roy, M.S., director of international student services
- Joanne Gilbert, M.S., assistant director of international student services
- Renee Ioannilli, M.S., study abroad program advisor
- Morgan Pimentel, M.S., senior study abroad program advisor

### Library

- Sarah Naomi Campbell, M.L.S., reference and instruction services librarian
- Jennifer Castel, M.L.S., reference librarian
- Rebecca Gagne, M.L.S., reference librarian
- Erika Gearing, M.L.S., reference management librarian
- Meika Matook, M.L.S., reference management librarian
- David Meincke, M.L.S., director of library digital resources and services
- Lisa Spicola, M.L.S., chief librarian
- Erin Williams, M.A., culinary arts museum collections manager

### Practicum Educational Facilities

- Michael Downing, M.S., CHA, FMP, vice president of auxiliary services
- Kenneth Watt, MBA, CEC, director, campus dining

### Advancement & University Relations

- Marie Ines Valdepeñas – director of alumni relations
- Greg Barbeau – assistant director of alumni relations
- Rachel Barzey – leadership gift officer for advancement & university relations
- Kristofer DeRaimo, alumni information specialist
- Alissa Dion – advancement communications & marketing manager
- Tracey Forkin, director of fund management
- Krystol Kendall '17, administrative assistant for advancement & university relations
- Michelle Nicholas '14, assistant director of advancement services
- Maureen Rooney, director of prospect research
- Steven Shipley '85, senior major gifts officer
- Rachel Sowersby, donor relations & stewardship coordinator

### Student Academic Services

- Kimberly Buxton, M.S., university registrar / director of student academic services
- Carla Aljoe, B.S., assistant registrar
- Cheryl Shatz, B.S.B.A., director of curriculum systems & records
- Maria Tristao-Rocha, MBA, director of transfer and testing services
- Stacia White, M.A., director of academic advising

### Student Financial Services

- Dawn Blanchette, B.S., director of student financial services
- Kathi Tavares, B.S., director of student billing and collections

### Student Affairs

- Melanie V. Tucker, Ed.D., N.C.C., L.M.H.C., vice president of student affairs & dean of students
- Joseph Barresi Jr., Ph.D., L.I.C.S.W., L.C.D.P., associate dean of students for counseling, health & wellness
- Patricia "Patty" Leahey Hays, M.B.A., associate dean of student life
- Jennifer Barlow, M.S.N., A.P.R.N., F.N.P.-C, director of health services
- Joe Berardi, M.S., director of community standards and conduct
- Stephanie Dixon, M.S.W., L.I.C.S.W., director of counseling services
- Dana Garfield, M.Ed., director of athletics
- Nicole Hebert, M.S.W., L.I.C.S.W., director of accessibility services
- Denise Neirinckx, B.S., director of transportation
- Diane Riccitelli, M.S., director of off-campus student services
- Lizz Zmarlicki, M.S., director of student engagement
- TBA, director of residential life

### University Communications

- Lisa Pelosi, M.A., vice president, communications and government relations
- Clara Schwager, director of institutional and advancement marketing
- Jennifer McGee, director of external communications & media relations
- Lynzi DeLuccia, manager of internal communications
- Leandre Mewborn, institutional marketing manager
- Rachel Nunes, senior communications & media relations specialist

\* This is only a partial listing.

# Providence Programs of Study

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  - Media & Communication (p. 69)
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- **Doctor of Physical Therapy (D.P.T)**
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# John Hazen White College of Arts & Sciences

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  - Media & Communication (p. 69)
- **Bachelor of Science (B.S.) Degree**
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  - Psychology (p. 78)
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  - Combined Degrees: Data Analytics B.S./M.S. (p. 35)
  - Combined Degrees: Data Analytics B.S./Public Health M.P.H. (p. 37)
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- **Non-Degree**
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## Graduate

- **Master of Science (M.S.)**
  - Addiction Counseling (p. 27)
  - Clinical Mental Health Counseling (p. 32)

## School of Education

- **Master of Arts in Teaching (M.A.T.)**
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- **Master of Education (M.Ed.)**
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- **Doctor of Education (Ed.D.)**
  - Ed.D. Educational Leadership (p. 52)

# Animal Science - B.S.

## Curriculum

The Animal Science bachelor's degree program introduces students to all aspects of animal-focused industries and services. Students are prepared for careers in veterinary healthcare, laboratory animal care and research, animal health and wellness, and food and fiber production.

Students apply anatomy, physiology, biology, chemistry, nutrition, reproduction and genetics to the study of animal management, breeding and genetics, growth, behavior, and welfare. The curriculum covers a great variety of species, from livestock to companion animals to pets and animals in research. The animal science major provides excellent preparation for students who wish to find positions immediately upon graduation, as well as those who plan to enter graduate or veterinary schools to obtain advanced degrees.

Students have the opportunity to complete a general course of study or focus their education on pre-veterinary studies or equine science specialization.

Students gain hands-on experience with many animal species in a broad array of animal science-focused skills including handling and health maintenance, facilities management, equipment usage, nutrition, breeding and wellness.

All students participate in the internship program, which allows them to work in an animal science-focused industry at approved establishments.

Core and elective courses in the College of Arts & Sciences provide the critical thinking and communication skills that are considered essential by employers along with the chance for students to explore areas of personal interest.

Upon completion of the Animal Science program, graduates are expected to:

- Apply knowledge of the core disciplines in animal science to the proper care and sustainable management of domestic and captive animals.
- Use knowledge of animal science and related disciplines to develop ethical strategies to address real world challenges in the animal science field
- Communicate the contributions of animals, animal products and animal services across multifaceted mediums and to diverse audiences
- Perform practical tasks associated with animal care, animal management and animal production systems to promote animal health, wellness and welfare

### Specialization in Pre-Veterinary Studies

Students choosing a specialization in Pre-Veterinary Studies take a suite of courses that enhance and strengthen the qualifications of graduates interested in applying for admission to Doctor of Veterinary Medicine (DVM) programs. This specialization gives students the opportunity to complete major prerequisite course requirements for application to American Veterinary Medical Association-accredited veterinary schools within the United States. Students completing this specialization can pursue application to DVM programs as well as other animal and science-related graduate studies programs.

Upon completion of the Pre-Veterinary Studies specialization, students are expected to:

- Identify, evaluate and analyze scientific information.

### Specialization in Equine Science

Students choosing a specialization in equine science take a suite of courses that prepares graduates for a diversity of science-based careers working with horses. This specialization combines a foundation of comprehensive equine courses where students learn how to select, care for and manage horses involved in all aspects of the equine industry. Foundational equine classes develop their understanding of horses with study in anatomy, physiology, behavior, lameness, sports therapy, genetics, nutrition, diseases and reproduction.

Upon completion of the Equine Science specialization, students are expected to:

- Apply the scientific method and critical thinking skills to address equine science questions.

To participate in the Animal Science program, each student, with or without reasonable accommodations, must be able to safely (including the safety

of the animal, where applicable) meet minimum technical standards as described for this program.

## Animal Science

A four-year program leading to the bachelor of science degree

### Major Courses

ANSC1010	Introduction to Animal Science	3
ANSC1015	Introduction to Animal Science Laboratory	1
ANSC1050	Domestic Animal Anatomy and Physiology	3
ANSC1055	Domestic Animal Anatomy and Physiology Laboratory	1
ANSC2010	Principles of Animal Nutrition	3
ANSC2030	Principles of Animal Behavior and Training	3
ANSC3010	Animal Reproduction and Genetics	3
ANSC3110	Animal Disease and Preventative Health	3
ANSC3230	Animal Production and Management Laboratory	1
ANSC4120	Animal Welfare, Health and Wellness	3

### Major Electives or Specialization

Choose 15 credits of the following\* or Specialization listed below:† 15

ANSC3350	Perspectives in Animal-Assisted Interventions	
ANSC4230	Laboratory Animal Science and Management	
ANSC4410	Special Topics in Animal Science I	
ANSC4440	Special Topics in Animal Science II	
ANSC4470	Special Topics in Animal Science III	
BIO2001	Genetics	
BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory	
BIO3040 & BIO3046	Molecular Biology and Molecular Biology Laboratory	
BIO3070	Evolution	
BIO3080	Epigenetics	
BIO3100 & BIO3106	Coastal Ecology and Coastal Ecology Laboratory	
BIO3400	Fundamentals of Pharmacology	
BIO3620 & BIO3626	Comparative Vertebrate Anatomy and Comparative Vertebrate Anatomy Laboratory	
BIO4020 & BIO4026	Integrative Biology and Integrative Biology Laboratory	
BIO4040 & BIO4046	Functional Histology and Functional Histology Laboratory	
BIO4070	Fundamentals of Immunology	
CHM1000 & CHM1006	Foundations in Chemistry and Foundations in Chemistry Laboratory	
CHM1011 & CHM1016	General Chemistry I and General Chemistry I Laboratory	
CHM1022 & CHM1026	General Chemistry II and General Chemistry II Laboratory	
CHM2011 & CHM2016	Organic Chemistry I and Organic Chemistry I Laboratory	
CHM2022 & CHM2026	Organic Chemistry II and Organic Chemistry II Laboratory	
CHM2050 & CHM2056	Introduction to Organic Chemistry and Introduction to Organic Chemistry Laboratory	
CHM3040 & CHM3046	Biochemistry and Biochemistry Laboratory	
CHM3200	Analytical Chemistry	
RSCH2050	Workshop in Acquiring Social Research Skills	
RSCH3810	Undergraduate Laboratory and Field Research	
RSCH3830	Undergraduate Research Experience	
Choose 15 credits of the following* or Specialization listed below:†		15
CUL2881	Farm to Table—A Global Perspective	
CUL3030	Exploring Cheese	
CUL3082	Exploring Mead and Honey	
CULN1010	An Introduction to the Fields of Food, Food Service and Nutrition	
CULS2010	Introduction to Food Product Development	
CULS2210	Food Science	
CULS3025	Food Processing	
ENG3030	Food Writing	
EQN1001 & EQN1006	Introduction to Equine Studies and Introduction to Equine Studies Laboratory	
EQN1030	Equine Anatomy and Physiology	
EQN1410	Collegiate Horseback Riding	
EQN2000	Equine Diseases and Conditions (Equine Disease and Conditions)	
EQN2001	Foundations of Horsemanship and Riding Theory	
EQN2030	Equine Lameness and Sports Therapy Laboratory	

EQN3001	Methods of Horseback Riding Instruction	
EQN3010	Equine Reproduction and Genetics	
EQN3025	Equine Nutrition	
EQN3040	Sport Horse Evaluation and Judging	
EQN3280	Introduction to Equine-Assisted Services	
EQN3290	Application of Equine-Assisted Services	
EQN3350	Equine Facility Design and Operation Management	
EQN4115	Special Topics in Equine Studies I	
EQN4145	Special Topics in Equine Studies II	
EQN4215	Special Topics in Equine Studies III	
EQN4310	Equine Industry Experience	
EQN4410	Equine Behavior and Training	
EVNT1001	Introduction to Event Management	
EVNT3030	Fairs and Festivals	
PHY1011 & PHY1016	General Physics I and General Physics I Laboratory	
PHY1022 & PHY1026	General Physics II and General Physics II Laboratory	
SCI3020	Sustainability Policy and Planning	
SCI3070	Food Sustainability	
SFS1001	Introduction to Food Systems	
SFS3001	Sustainability in the Culinary Kitchen	
SFS4001	Cultivating Local Food Systems	
<b>Applied/Experiential Learning</b>		
Choose 12 credits from the following:		12
ASCI4799	College of Arts & Sciences Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
	Study Abroad <sup>Sa</sup>	
<b>Related Professional Studies</b>		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		4
BIO1011 & BIO1016	General Biology - Cellular and General Biology Laboratory - Cellular	
Social Science		6
Two courses from ANTH, ECON, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S electives <sup>**</sup>		7
BIO1022 & BIO1026	General Biology - Organismal and General Biology Laboratory - Organismal	
One course with EASC attribute		
<b>Free Electives #</b>		
12 credits selected from 1000-4999 numbered offerings within the university		12
<b>Total Credits</b>		<b>124.0</b>

\* Students are responsible for meeting prerequisites.

\*\* Students considering the Pre-Veterinary specialization must complete MATH1030 Precalculus. This course may fulfill an arts & science or free elective.

#### †Specialization in Equine Science

CHM1011 & CHM1016	General Chemistry I and General Chemistry I Laboratory	4
EQN1001 & EQN1006	Introduction to Equine Studies and Introduction to Equine Studies Laboratory	4
EQN1030	Equine Anatomy and Physiology	3
EQN2000	Equine Diseases and Conditions	3
EQN2030	Equine Lameness and Sports Therapy Laboratory	1
EQN3010	Equine Reproduction and Genetics	3
EQN3025	Equine Nutrition	3

Choose 9 credits from the following (maximum of three credits in horseback riding): 9

EQN1410	Collegiate Horseback Riding	
EQN2000	Equine Diseases and Conditions	
EQN2001	Foundations of Horsemanship and Riding Theory	
EQN3001	Methods of Horseback Riding Instruction	
EQN3010	Equine Reproduction and Genetics	
EQN3025	Equine Nutrition	
EQN3040	Sport Horse Evaluation and Judging	
EQN3280	Introduction to Equine-Assisted Services	
EQN3290	Application of Equine-Assisted Services	
EQN3350	Equine Facility Design and Operation Management	
EQN4050	Horse Farm Management and Business Planning	
EQN4115	Special Topics in Equine Studies I	
EQN4145	Special Topics in Equine Studies II	
EQN4215	Special Topics in Equine Studies III	
EQN4410	Equine Behavior and Training	

**Total Credits** 30.0

#### †Specialization in Pre-Veterinary Studies

Students must use 1 credit of free electives to complete this specialization

Students considering this specialization must complete MATH1030 Precalculus as a prerequisite. This course may fulfill an arts & science or free elective.

BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory	4
CHM1011 & CHM1016	General Chemistry I and General Chemistry I Laboratory	4
CHM1022 & CHM1026	General Chemistry II and General Chemistry II Laboratory	4
CHM2011 & CHM2016	Organic Chemistry I and Organic Chemistry I Laboratory	4
CHM2022 & CHM2026	Organic Chemistry II and Organic Chemistry II Laboratory	4
CHM3040	Biochemistry	3
PHY1011 & PHY1016	General Physics I and General Physics I Laboratory	4
PHY1022 & PHY1026	General Physics II and General Physics II Laboratory	4

**Total Credits** 31.0

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a

student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Science programs require students to have successfully completed Chemistry or higher level science. Students who apply for admission and do not meet the requirements will be reviewed for admission into another science program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.



## Addiction Counseling - M.S.

The Addiction Counseling Master of Science degree program at Johnson & Wales University is designed to prepare graduates to serve the community as addiction counselors after 18 months of full-time study. The primary goal of the program is to prepare master's-level clinicians with the counseling skills that integrate theoretical foundations of professional counseling into positive client interaction and intervention skills. The program emphasizes the development of attitudes, knowledge and skills essential in the formation of professional counselors who are committed to the ethical provision of quality services. In addition to the coursework required, students experience practicum and internship experiences under supervision of clinical professionals. Students who are preparing to specialize as addiction counselors are expected to possess the knowledge and skills necessary to address a wide range of issues in the context of addiction counseling, treatment and prevention programs, as well as in a broader mental-health counseling context.

Upon completion of this program, graduates are expected to:

- Demonstrate professional proficiency and exhibit familiarity with professional orientation and ethical practices as advocated by the American Counseling Association (ACA) Code of Ethics.
- Illustrate the importance of multicultural issues in the counseling profession when working with diverse clients.
- Provide illustrations of human growth and developmental theories framed in the principles of assessment and appraisal.
- Demonstrate planning and implementation of career development practices and theoretical perspectives.
- Show command of counseling theories and how to conceptualize cases from a wellness perspective.
- Exhibit knowledge of group dynamics, group leadership, group development and the ability to apply these concepts in a variety of group types.
- Implement basic and advanced assessment techniques in the framework of helping relationships.
- Demonstrate the role of research in advancing the counseling profession.
- Articulate and demonstrate knowledge and skills necessary to identify and treat behaviors and situations and apply counseling theories, models and approaches to individuals and groups who face addiction.

### Addiction Counseling

Master of Science

#### Core Courses

CSLG5060	Counseling Theories	3
CSLG5100	Advanced Career Counseling	3
CSLG5150	Counseling Across the Lifespan	3
CSLG5170	Multicultural Counseling: Theories and Techniques	3
CSLG5250	Professional Orientation and Ethical Practice (Practicum 1)	3
CSLG5300	Individual Counseling Theories and Techniques I (Practicum 2)	3
CSLG5350	Health and Wellness Counseling	3
CSLG5400	Psychopathology and Treatment Planning	3
CSLG5450	Testing and Assessment in Counseling	3
CSLG5500	Advanced Group Counseling Theories and Techniques with Lab	3
CSLG5899	Counseling Practicum	3
CSLG6100	Advanced Co-Occurring Disorders and Addictions Counseling	3
CSLG6150	Individual Counseling Theories and Techniques II (Practicum 3)	3
CSLG6200	Counseling the Chemically Dependent and Their Families	3
CSLG6888	Counseling Internship I	6
CSLG6899	Counseling Internship II	6
PSYC5200	Advanced Neuroscience and Psychopharmacology	3
RSCH6100	Research and Theories in Addiction Counseling	3
<b>Total Credits</b>		<b>60.0</b>

Students who do not complete the 600-hour internship in the prescribed two semesters will schedule for CSLG6980 Clinical Supervision Advising - Post Internship. This continuation requires a Clinical Supervision Advisement

Fee each fall, spring and summer semester until the 600 hours have been accumulated.

# Biology - B.S.

## Curriculum

The Biology bachelor's degree program provides a strong background of critical thinking skills and knowledge needed for further study in professional and graduate schools and for careers in biological science. The study of biology enables students to gain an understanding of the principles that govern life from the basic biochemistry of living cells to that of complex ecosystems. This understanding helps students identify and address the biological problems associated with human beings and their environments.

Upon completion of the program, graduates are expected to:

- Understand and apply the fundamental biological concepts of evolution, structure and function, information exchange and storage, and transformation of energy and matter to explain biological systems from molecules to communities.
- Communicate scientific information using oral and written arguments and visual presentation.
- Identify, evaluate and analyze scientific information.
- Apply the scientific method and critical thinking skills to address scientific questions.
- Apply mathematical and computational skills and interdisciplinary concepts and knowledge to interpret biological phenomena.
- Recognize ethical concerns pertaining to biological science and apply ethical practice in the scientific process.
- Evaluate the influence that biological science has on society, including the historical context of major findings in modern biology.

Upon completion of the Biomedical Science specialization, graduates are expected to:

- Apply fundamental concepts of microbiology, biochemistry and immunology to explain the cellular and molecular bases of host-microbial interactions.
- Apply fundamental concepts of human anatomy, human physiology, and histology to problem solve clinical situations.

Upon completion of the Environmental Studies specialization, graduates are expected to:

- Apply the core concepts and methods from economics, social, political and biological sciences to identify and address environmental problems.

Upon completion of the Plant Science specialization, graduates are expected to:

- Apply the fundamental concepts of plant anatomy, physiology, and diversity to cultivate, maintain the health of, and produce products from plants.

The courses in this program have been designed to provide students with a strong foundation in the fundamental principles of biology. The biology courses allow students to explore the molecular and cellular basis of life, structure and function of organisms, and ecological interactions of organisms. The physical science courses provide opportunities for students to break the barriers between traditional sciences and integrate their knowledge of biology, chemistry and physics, a practice that is essential to the future of scientific progress.

To support student success in the Biology program, science faculty members are committed to following best practices for science education. This includes using active learning pedagogies in the classroom and guided inquiry learning pedagogies in the laboratories and providing quality internships opportunities. These teaching pedagogies are student-centered, interactive and focused on problem-based learning. They provide students with multiple opportunities to gain experiential training and use critical-thinking skills, both of which are essential for being successful members of the scientific community.

Graduates are prepared for careers that include, but are not limited to, biological technicians, forensic scientists, environmental scientists, microbiologists, medical laboratory scientists, zoologists and wildlife biologists. The Biology degree program also prepares students to pursue careers in healthcare, education and business.

## Biology

A four-year program leading to the bachelor of science degree

### Major Courses

BIO1022	General Biology - Organismal	3
BIO1026	General Biology Laboratory - Organismal	1
BIO2001	Genetics	3
BIO3040	Molecular Biology	3
BIO3046	Molecular Biology Laboratory	1
BIO3100	Coastal Ecology	3
BIO3106	Coastal Ecology Laboratory	1
BIO4020	Integrative Biology	3
BIO4026	Integrative Biology Laboratory	1
BIO4100	Senior Seminar in Biology	3

### Major Electives or Specialization

Choose 16-18 credits of the following (at least two courses must be at 3000 level or higher)\* or Specialization listed below: † 16-18

BIO2003 & BIO2006	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory	
BIO2013 & BIO2016	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory	
BIO2041 & BIO2046	Human Physiology and Human Physiology Laboratory	
BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory	
BIO2510 & BIO2516	Plant Cultivation I: Soil, Soil Substitutes, and Disease Management and Plant Cultivation I: Soil, Soil Substitutes, and Disease Management Laboratory	
BIO3070	Evolution	
BIO3080	Epigenetics	
BIO3400	Fundamentals of Pharmacology	
BIO3510 & BIO3516	Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction and Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction Laboratory	
BIO3620 & BIO3626	Comparative Vertebrate Anatomy and Comparative Vertebrate Anatomy Laboratory	
BIO4030	Advanced Anatomy	
BIO4040 & BIO4046	Functional Histology and Functional Histology Laboratory	
BIO4070	Fundamentals of Immunology	
BIO4510 & BIO4516	Applications of Plants & Fungi and Applications of Plants & Fungi Laboratory	
CHM3040 & CHM3046	Biochemistry and Biochemistry Laboratory	
CHM3200	Analytical Chemistry	
SCI3020	Sustainability Policy and Planning	
SCI3070	Food Sustainability	
SCI3080	The Business of Sustainability	
SCI4090	Research Seminar in Sustainability	

### Applied/Experiential Learning

Choose 6 credits from the following: 6

ASCI4799	College of Arts & Sciences Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3810	Undergraduate Laboratory and Field Research	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
	Study Abroad <sup>5a</sup>	

### Related Professional Studies

CAR0010	Career Management	1
CHM1011	General Chemistry I	3
CHM1016	General Chemistry I Laboratory	1
CHM1022	General Chemistry II	3
CHM1026	General Chemistry II Laboratory	1
CHM2011	Organic Chemistry I	3
CHM2016	Organic Chemistry I Laboratory	1
CHM2022	Organic Chemistry II	3
CHM2026	Organic Chemistry II Laboratory	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	

One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1040	Calculus I (or higher, based on student's placement) **	
MATH2010	Introduction to Biostatistics	
Science		4
BIO1011 & BIO1016	General Biology - Cellular and General Biology Laboratory - Cellular	
Social Sciences		6
PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		8
PHY1011 or PHY2011	General Physics I Physics I	
PHY1016 or PHY2016	General Physics I Laboratory Physics I Laboratory	
PHY1022 or PHY2022	General Physics II Physics II	
PHY1026 or PHY2026	General Physics II Laboratory Physics II Laboratory	
<b>Free Electives #</b>		
15-16 credits selected from 1000-4999 numbered offerings within the university		15-16
<b>Total Credits</b>		<b>122.0-125.0</b>

- \* Students are responsible for meeting prerequisites.
- \*\* Students that do not place in MATH1040 Calculus I, will need to take an extra course(s), MATH1020 Fundamentals of Algebra, and/or MATH1030 Precalculus, as prerequisite(s). If needed one, or both, will count as a free elective(s).

#### †Specialization in Biomedical Science 22

Students must use 4 credits of free electives to complete this specialization

BIO2003 & BIO2006	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory
BIO2013 & BIO2016	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory
BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory
BIO4040 & BIO4046	Functional Histology and Functional Histology Laboratory
BIO4070	Fundamentals of Immunology
CHM3040	Biochemistry

#### †Specialization in Environmental Studies 22

Students must use 4 credits of free electives to complete this specialization

BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory
BIO3070	Evolution
SCI3020	Sustainability Policy and Planning
SCI3070	Food Sustainability
SCI3080	The Business of Sustainability
SCI4090	Research Seminar in Sustainability
SOC3200	Environmental Sociology ‡

‡Students must use social science elective to take SOC1001 to satisfy SOC3200 prerequisite

#### †Specialization in Plant Science 16

BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory
BIO2510 & BIO2516	Plant Cultivation I: Soil, Soil Substitutes, and Disease Management and Plant Cultivation I: Soil, Soil Substitutes, and Disease Management Laboratory
BIO3510 & BIO3516	Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction and Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction Laboratory
BIO4510 & BIO4516	Applications of Plants & Fungi and Applications of Plants & Fungi Laboratory

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Science programs require students to have successfully completed Chemistry or higher level science. Students who apply for admission and do not meet the requirements will be reviewed for admission into another science program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### Combined Degrees Program

- Combined Degrees: Biology B.S./Public Health M.P.H. (p. 33)

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only.

Additional courses and/or programs as determined by individual colleges may also have restricted access.

**Eligibility Criteria:**

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Chemistry - MINOR

A Chemistry minor provides thorough coverage of fundamental chemical principles and significant hands-on experience in laboratory settings. The minor in Chemistry is designed for the student who would like a sound foundation in the theory and laboratory practice of chemistry. Students who minor in Chemistry learn fundamental introductory principles in general, organic and analytical chemistry. The analytical thinking and problem-solving skills developed within the Chemistry minor make students competitive for a wide range of careers in science, medicine, health, nutrition or engineering.

### Chemistry

#### Minor

CHM1011	General Chemistry I *	3
CHM1016	General Chemistry I Laboratory *	1
CHM1022	General Chemistry II	3
CHM1026	General Chemistry II Laboratory	1
CHM2011	Organic Chemistry I	3
CHM2016	Organic Chemistry I Laboratory	1
CHM2022	Organic Chemistry II	3
CHM2026	Organic Chemistry II Laboratory	1
CHM3200	Analytical Chemistry	3
<b>Total Credits</b>		<b>19.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Clinical Mental Health Counseling - M.S.

The Clinical Mental Health Counseling Master of Science degree program at Johnson & Wales University is designed to prepare graduates to serve the community as clinical mental health counselors after 18 months of full-time study. The primary goal of the program is to prepare master's-level clinicians with the counseling skills that integrate theoretical foundations of professional counseling into positive client interaction and intervention skills. The program emphasizes the development of attitudes, knowledge and skills essential in the formation of professional counselors who are committed to the ethical provision of quality services. In addition to the coursework required, students experience practicum and internship experiences under supervision of clinical professionals.

Upon completion of this program, graduates are expected to:

- Demonstrate professional proficiency and exhibit familiarity with professional orientation and ethical practices as advocated by the American Counseling Association (ACA) Code of Ethics.
- Illustrate the importance of multicultural issues in the counseling profession when working with diverse clients.
- Provide illustrations of human growth and developmental theories framed in the principles of assessment and appraisal.
- Demonstrate planning and implementation of career development practices and theoretical perspectives.
- Show command of counseling theories and how to conceptualize cases from a wellness perspective.
- Exhibit knowledge of group dynamics, group leadership, group development and the ability to apply these concepts in a variety of group types.
- Implement basic and advanced assessment techniques in the framework of helping relationships.
- Demonstrate the role of research in advancing the counseling profession.
- Articulate and demonstrate knowledge and skills necessary to identify and treat behaviors and situations and apply counseling theories, models and approaches to individuals and groups who face a variety of mental health disorders.

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## Clinical Mental Health Counseling

Master of Science

### Core Courses

CSLG5060	Counseling Theories	3
CSLG5100	Advanced Career Counseling	3
CSLG5150	Counseling Across the Lifespan	3
CSLG5170	Multicultural Counseling: Theories and Techniques	3
CSLG5250	Professional Orientation and Ethical Practice (Practicum 1)	3
CSLG5300	Individual Counseling Theories and Techniques I (Practicum 2)	3
CSLG5350	Health and Wellness Counseling	3
CSLG5400	Psychopathology and Treatment Planning	3
CSLG5450	Testing and Assessment in Counseling	3
CSLG5500	Advanced Group Counseling Theories and Techniques with Lab	3
CSLG5899	Counseling Practicum	3
CSLG6100	Advanced Co-Occurring Disorders and Addictions Counseling	3
CSLG6150	Individual Counseling Theories and Techniques II (Practicum 3)	3
CSLG6350	Mental Health Counseling for Families	3
CSLG6888	Counseling Internship I	6
CSLG6899	Counseling Internship II	6
PSYC5200	Advanced Neuroscience and Psychopharmacology	3
RSCH6150	Research and Theories in Mental Health Counseling	3

**Total Credits** **60.0**

Students who do not complete the 600-hour internship in the prescribed two semesters will schedule for CSLG6980 Clinical Supervision Advising - Post Internship. This continuation requires a Clinical Supervision Advisement Fee each fall, spring and summer semester until the 600 hours have been accumulated.

# Combined Degrees: Biology B.S./Public Health M.P.H.

## Curriculum

The College of Arts & Sciences and the College of Health & Wellness offer students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Biology B.S./Public Health M.P.H. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. degree in Biology and a Master of Public Health degree in as little as five years.

Qualified students are able to complete five core Master of Public Health graduate courses that will count toward their undergraduate Biology degree. Visit the Biology B.S. degree and Master of Public Health degree program pages for program descriptions and outcomes.

### Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Biology B.S./Public Health M.P.H. program should apply directly for the program by the end of their first year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Biology B.S./Public Health M.P.H. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application.

### Biology

A four-year program leading to the bachelor of science degree

#### Major Courses

BIO1022	General Biology - Organismal	3
BIO1026	General Biology Laboratory - Organismal	1
BIO2001	Genetics	3
BIO3040	Molecular Biology	3
BIO3046	Molecular Biology Laboratory	1
BIO3100	Coastal Ecology	3
BIO3106	Coastal Ecology Laboratory	1
BIO4020	Integrative Biology	3
BIO4026	Integrative Biology Laboratory	1
BIO4100	Senior Seminar in Biology	3

#### Major Electives or Specialization

Choose 16-22 credits of the following (at least two courses must be at 3000 level or higher)\* or Specialization listed below: † 16-22

BIO2003 & BIO2006	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory	
BIO2013 & BIO2016	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory	
BIO2041 & BIO2046	Human Physiology and Human Physiology Laboratory	
BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory	
BIO2510 & BIO2516	Plant Cultivation I: Soil, Soil Substitutes, and Disease Management and Plant Cultivation I: Soil, Soil Substitutes, and Disease Management Laboratory	
BIO3070	Evolution	
BIO3080	Epigenetics	
BIO3400	Fundamentals of Pharmacology	
BIO3510 & BIO3516	Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction and Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction Laboratory	
BIO3620 & BIO3626	Comparative Vertebrate Anatomy and Comparative Vertebrate Anatomy Laboratory	
BIO4030	Advanced Anatomy	
BIO4040 & BIO4046	Functional Histology and Functional Histology Laboratory	
BIO4070	Fundamentals of Immunology	
BIO4510 & BIO4516	Applications of Plants & Fungi and Applications of Plants & Fungi Laboratory	
CHM3040 & CHM3046	Biochemistry and Biochemistry Laboratory	
CHM3200	Analytical Chemistry	
SCI3020	Sustainability Policy and Planning	
SCI3070	Food Sustainability	
SCI3080	The Business of Sustainability	
SCI4090	Research Seminar in Sustainability	

#### Applied/Experiential Learning

Choose 6 credits from the following:

ASCI4799	College of Arts & Sciences Internship <sup>1c</sup>	6
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3810	Undergraduate Laboratory and Field Research	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
	Study Abroad <sup>5a</sup>	

#### Related Professional Studies

CAR0010	Career Management	1
CHM1011	General Chemistry I	3
CHM1016	General Chemistry I Laboratory	1
CHM1022	General Chemistry II	3
CHM1026	General Chemistry II Laboratory	1
CHM2011	Organic Chemistry I	3
CHM2016	Organic Chemistry I Laboratory	1
CHM2022	Organic Chemistry II	3
CHM2026	Organic Chemistry II Laboratory	1
FYS1020	First-Year Seminar	1

#### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1040	Calculus I (or higher, based on student's placement) **	
MATH2010	Introduction to Biostatistics	
Science		4
BIO1011 & BIO1016	General Biology - Cellular and General Biology Laboratory - Cellular	
Social Sciences		6
PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		8
PHY1011 or PHY2011	General Physics I	
PHY1016 or PHY2016	General Physics I Laboratory	
PHY1022 or PHY2022	General Physics II	
PHY1026 or PHY2026	General Physics II Laboratory	
Graduate Courses ***		
HSC5020	Foundations of Public Health	3
HSC5080	Health and Healthcare ****	3
HSC5120	Health Trends	3
HSC5150	Chronic Disease Prevention and Control	3
HSC5220	Insights into Vulnerable Populations	3

**Total Credits 122.0-128.0**

- \* Students are responsible for meeting prerequisites.
- \*\* Students that do not place in MATH1040 Calculus I, will need to take an extra course(s), MATH1020 Fundamentals of Algebra, and/or MATH1030 Precalculus, as prerequisite(s).
- \*\*\* Students use 15 credits from free electives for graduate-level courses in the Public Health M.P.H. during their fourth year.
- \*\*\*\* Course may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

#### †Specialization in Biomedical Science

BIO2003 & BIO2006	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory	22
BIO2013 & BIO2016	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory	
BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory	
BIO4040 & BIO4046	Functional Histology and Functional Histology Laboratory	

BIO4070	Fundamentals of Immunology
CHM3040	Biochemistry
<b>†Specialization in Environmental Studies</b>	
<b>22</b>	
BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory
BIO3070	Evolution
SCI3020	Sustainability Policy and Planning
SCI3070	Food Sustainability
SCI3080	The Business of Sustainability
SCI4090	Research Seminar in Sustainability
SOC3200	Environmental Sociology †

‡Students must use social science elective to take SOC1001 to satisfy SOC3200 prerequisite

<b>†Specialization in Plant Science</b>	
<b>16</b>	
BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory
BIO2510 & BIO2516	Plant Cultivation I: Soil, Soil Substitutes, and Disease Management and Plant Cultivation I: Soil, Soil Substitutes, and Disease Management Laboratory
BIO3510 & BIO3516	Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction and Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction Laboratory
BIO4510 & BIO4516	Applications of Plants & Fungi and Applications of Plants & Fungi Laboratory

<sup>C</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

## Public Health

### Master of Public Health (MPH)

#### Core Courses

HSC5020	Foundations of Public Health †	3
HSC5080	Health and Healthcare †‡	3
HSC5100	Healthy Planet	3
HSC5120	Health Trends †	3
HSC5150	Chronic Disease Prevention and Control †	3
HSC5180	Discrimination and Health	3
HSC5220	Insights into Vulnerable Populations †	3
HSC5260	Advocating for Healthier Diets ‡	3
HSC5290	Combatting Infectious Disease	3
HSC5320	Cultural Competency to Improve Health	3
HSC5350	Diversity, Equity and Inclusion ‡	3
HSC5380	Policy of Addiction	3
HSC5420	Community Organizing	3
HSC6120	Improving Community Health	3
HSC6920	Public Health Capstone	3
<b>Total Credits</b>		<b>45.0</b>

† These graduate courses fulfill the bachelor of science requirements in the fourth year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.

‡ Courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable

courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Science programs require students to have successfully completed Chemistry or higher level science. Students who apply for admission and do not meet the requirements will be reviewed for admission into another science program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.



# Combined Degrees: Data Analytics B.S./M.S.

## Curriculum

The College of Arts & Sciences and the College of Engineering & Design offer students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Data Analytics B.S./M.S. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. and a M.S. in Data Analytics in as little as five years.

Qualified students are able to complete five core Master of Public Health graduate courses that will count toward their undergraduate Data Analytics degree. Visit the Data Analytics B.S. degree and Data Analytics M.S. degree program pages for program descriptions and outcomes.

### Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Data Analytics B.S./Public Health M.P.H. program should apply directly for the program by the end of their first year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Data Analytics B.S./Public Health M.P.H. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application.

### Data Analytics

A four-year program leading to the bachelor of science degree

#### Major Courses

CSIS1000	Problem Solving and Programming Concepts	3
CSIS1101	Computer Science I	3
CSIS2030	Database Concepts	3
CSIS2080	Database Design	3
DMSM2025	Introduction to Data Visualization	3
DMSM2050	Spreadsheets for Data Analysis	3
FIT1040	Spreadsheet Design for Business Solutions	3
MATH2220	Linear Algebra	3
MATH4900	Applied Statistics	3

#### Major Electives

Choose 15 credits from the following courses or declare a minor: \*\*,\*\* 15

CYB3038	HCI/Usable Security
ITEC3050	Information Security with Cryptography

Choose three of the following:

CSIS1112	Computer Science II
ENG2010	Introduction to Technical Communication
MATH2020	Discrete Mathematics
PRMG2010	Introduction to Project Management & Project Membership

#### Applied/Experiential Learning

Choose 9 credits from the following: 9

ASCI4799	College of Arts & Sciences Internship <sup>lc</sup>
DEE3999	Directed Experiential Education <sup>D</sup>
RSCH3830	Undergraduate Research Experience
RSCH4020	Honors Directed Academic Experience
Study Abroad <sup>Sa</sup>	

#### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

#### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1035	Quantitative Analysis I (or higher, based on student's placement) <sup>***</sup>	
MATH2035	Quantitative Analysis II	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1001	Macroeconomics	

One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
MATH2001	Statistics I	
or MATH2010		Introduction to Biostatistics
MATH2002	Statistics II	
Free Elective #		
15 credits selected from 1000-4999 numbered offerings within the university		15
Graduate Courses ****		
DATA5025	Tools for Data Analytics	3
DATA5100	Statistical Analysis	3
DATA5400	Introduction to Predictive Modeling	3
DATA5600	Research Methods in Data Analytics	3
<b>Total Credits</b>		<b>122.0</b>

- \* Students are responsible for meeting prerequisites.
- \*\* Students should consult with their advisor when selecting a minor.
- \*\*\* Students that do not place in MATH1035 Quantitative Analysis I, must take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this counts as a free elective.
- \*\*\*\* Students use 3 credits from Applied/Experiential Learning and 9 free elective credits for graduate-level courses in the Data Analytics M.S. during their fourth year.

<sup>lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

### Data Analytics

#### Master of Science

##### Core Courses

DATA5025	Tools for Data Analytics <sup>†</sup>	3
DATA5050	Data Management	3
DATA5100	Statistical Analysis <sup>†</sup>	3
DATA5150	Data Mining	3
DATA5200	Data Visualization	3
DATA5300	Big Data Analytics	3
DATA5350	Text & Web Mining Analytics	3
DATA5400	Introduction to Predictive Modeling <sup>†</sup>	3
DATA5515	Advanced Topics in Predictive Analytics	3
DATA5550	Optimization Simulation	3
DATA5600	Research Methods in Data Analytics <sup>†</sup>	3
DATA5700	Data Analytics Capstone	3
<b>Total Credits</b>		<b>36.0</b>

<sup>†</sup> These graduate courses will fulfill the bachelor of science requirements in the 4th year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester,

winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## **Admissions Requirements**

### **Undergraduate**

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Combined Degrees: Data Analytics B.S./ Public Health M.P.H.

## Curriculum

The College of Arts & Sciences and the College of Health & Wellness offer students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Data Analytics B.S./Public Health M.P.H. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. degree in Data Analytics and a Master of Public Health degree in as little as five years.

Qualified students are able to complete five core Master of Public Health graduate courses that will count toward their undergraduate Data Analytics degree. Visit the Data Analytics B.S. degree and Master of Public Health degree program pages for program descriptions and outcomes.

## Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Data Analytics B.S./Public Health M.P.H. program should apply directly for the program by the end of their first year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Data Analytics B.S./Public Health M.P.H. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application.

## Data Analytics

A four-year program leading to the bachelor of science degree

### Major Courses

CSIS1000	Problem Solving and Programming Concepts	3
CSIS1101	Computer Science I	3
CSIS2030	Database Concepts	3
CSIS2080	Database Design	3
DMSM2025	Introduction to Data Visualization	3
DMSM2050	Spreadsheets for Data Analysis	3
FIT1040	Spreadsheet Design for Business Solutions	3
MATH2220	Linear Algebra	3
MATH4900	Applied Statistics	3

### Major Electives

Choose 15 credits from the following courses or declare a minor: \*\* 15

CYB3038	HCI/Usable Security	
ITEC3050	Information Security with Cryptography	
Choose three of the following:		
CSIS1112	Computer Science II	
ENG2010	Introduction to Technical Communication	
MATH2020	Discrete Mathematics	
PRMG2010	Introduction to Project Management & Project Membership	

### Applied/Experiential Learning

Choose 9 credits from the following: 9

ASCI4799	College of Arts & Sciences Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
Study Abroad <sup>Sa</sup>		

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1035	Quantitative Analysis I (or higher, based on student's placement) <sup>***</sup>	
MATH2035	Quantitative Analysis II	
Science		3

One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1001	Macroeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
MATH2001	Statistics I	
or MATH2010	Introduction to Biostatistics	
MATH2002	Statistics II	
<b>Free Elective #</b>		
12 credits selected from 1000-4999 numbered offerings within the university		12
<b>Graduate Courses</b> ****		
HSC5020	Foundations of Public Health	3
HSC5080	Health and Healthcare ****	3
HSC5120	Health Trends	3
HSC5150	Chronic Disease Prevention and Control	3
HSC5220	Insights into Vulnerable Populations	3
<b>Total Credits</b>		<b>122.0</b>

- \* Students are responsible for meeting prerequisites.
- \*\* Students should consult with their advisor when selecting a minor.
- \*\*\* Students that do not place in MATH1035 Quantitative Analysis I, must take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this counts as a free elective.
- \*\*\*\* Students use 3 credits from Applied/Experiential Learning and 12 free elective credits for graduate-level courses in the Public Health M.P.H. during their fourth year.
- \*\*\*\*\* Course may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

## Public Health

### Master of Public Health (MPH)

#### Core Courses

HSC5020	Foundations of Public Health <sup>†</sup>	3
HSC5080	Health and Healthcare <sup>††</sup>	3
HSC5100	Healthy Planet	3
HSC5120	Health Trends <sup>†</sup>	3
HSC5150	Chronic Disease Prevention and Control <sup>†</sup>	3
HSC5180	Discrimination and Health	3
HSC5220	Insights into Vulnerable Populations <sup>†</sup>	3
HSC5260	Advocating for Healthier Diets <sup>‡</sup>	3
HSC5290	Combatting Infectious Disease	3
HSC5320	Cultural Competency to Improve Health	3
HSC5350	Diversity, Equity and Inclusion <sup>‡</sup>	3
HSC5380	Policy of Addiction	3
HSC5420	Community Organizing	3
HSC6120	Improving Community Health	3
HSC6920	Public Health Capstone	3
<b>Total Credits</b>		<b>45.0</b>

<sup>†</sup> These graduate courses fulfill the bachelor of science requirements in the fourth year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.

- ‡ Courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## **Admissions Requirements**

### **Undergraduate**

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Combined Degrees: Psychology B.S./ Addiction Counseling M.S.

## Curriculum

The College of Arts & Sciences offers students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Psychology B.S./Addiction Counseling M.S. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. in Psychology and an M.S. in Addiction Counseling degree in as little as five years.

Qualified students are able to complete four core Counseling graduate courses that will count towards their undergraduate Psychology degree. Visit the Psychology B.S. degree and Addiction Counseling M.S. degree program pages for program descriptions and outcomes.

## Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Psychology B.S./Addiction Counseling M.S. program should apply directly for the program by the end of their third year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Psychology B.S./Addiction Counseling M.S. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application. If admitted to the graduate program, students will begin graduate study in the summer after their senior year.

## Psychology

A four-year program leading to the bachelor of science degree

### Major Courses

PSYC1001	Introductory Psychology	3
PSYC1020	Introduction to Professional Issues and Ethics in Psychology	3
PSYC2002	Abnormal Psychology	3
PSYC2030	Developmental Psychology	3
PSYC3001	Social Psychology	3
PSYC3010	Personality	3
PSYC3040	Introduction to Neuropsychology and Psychopharmacology	3
PSYC4200	Cultural Psychology	3
RSCH2050 or RSCH3020	Workshop in Acquiring Social Research Skills Honors Research Methods	3
RSCH4050	Research Seminar in Psychology	3

### Major Electives or Specialization in Counseling Psychology

Choose six of the following (No more than two SOC-designated courses): \* 18

CJ52050	Criminology	
CSLG2030	Counseling Theories and Techniques	
CSLG2040	Introduction to Career and School Counseling	
CSLG2110	Introduction to Family Treatment for Addictions Counselors	
CSLG3001	Introduction to Case Management	
CSLG3005	Introduction to Crisis Intervention	
CSLG3010	Principles of Group Counseling	
CSLG3040	Counseling Techniques for Addictions and Other Behavioral Disorders	
CSLG3050	Introduction to Marriage and Family Therapy	
PSYC2015	Human Sexuality	
PSYC2020	Industrial/Organizational Psychology	
PSYC2040	Psychological Issues of Substance Use Disorders and Compulsive Behaviors	
PSYC2100	Health Psychology	
PSYC3200	Cognitive Psychology	
PSYC3350	Psychology of Motivation and Leadership in the Workplace	
PSYC3420	Criminalization of Mental Illness	
PSYC4150	Psychology of Conflict Resolution	
SOC2035	Sociology of Aging	
SOC3060	Deviant Behavior	

Or

Specialization in Counseling Psychology (18 credits)

CSLG2030	Counseling Theories and Techniques	
CSLG3001	Introduction to Case Management	
CSLG3005	Introduction to Crisis Intervention	
CSLG3010	Principles of Group Counseling	

Choose two of the following:

CSLG2040	Introduction to Career and School Counseling	
CSLG2110	Introduction to Family Treatment for Addictions Counselors	
CSLG3040	Counseling Techniques for Addictions and Other Behavioral Disorders	
CSLG3050	Introduction to Marriage and Family Therapy	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	

Integrative Learning 6

Two ILS courses, one at the 2000 level, one at the 4000 level

Arts and Humanities 6

Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL, or REL

Mathematics 6

MATH1002 A Survey of College Mathematics (or higher, based on student's placement)

MATH2001 Statistics I  
or MATH2010 Introduction to Biostatistics

Science 3

Choose one of the following:

SCI1015 Introduction to Life Science

SCI1050 Nutrition

SCI2031 Anatomy and Physiology

Social Sciences 6

SOC1001 Sociology I

or SOC2005 Honors Seminar: Social Inequalities

One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC or RES

A&S Electives 6

Two courses with an EASC attribute

### Free Electives #

18 credits selected from 1000-4999 numbered offerings within the university 18

### Graduate Courses \*\*

CSLG5060	Counseling Theories	3
CSLG5170	Multicultural Counseling: Theories and Techniques	3
CSLG5250	Professional Orientation and Ethical Practice (Practicum 1)	3
CSLG5300	Individual Counseling Theories and Techniques I (Practicum 2)	3

**Total Credits 122.0**

\* Students are responsible for meeting prerequisites.

\*\* Students use 6 credits of internship from Applied/Experiential Learning/Counseling Psychology specialization and 6 free elective credits for graduate-level courses in the Addictions Counseling M.S. during their fourth year.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

## Addiction Counseling

Master of Science

### Core Courses

CSLG5060	Counseling Theories †	3
CSLG5100	Advanced Career Counseling	3
CSLG5150	Counseling Across the Lifespan	3
CSLG5170	Multicultural Counseling: Theories and Techniques †	3
CSLG5250	Professional Orientation and Ethical Practice (Practicum 1) †	3
CSLG5300	Individual Counseling Theories and Techniques I (Practicum 2) †	3
CSLG5350	Health and Wellness Counseling	3
CSLG5400	Psychopathology and Treatment Planning	3
CSLG5450	Testing and Assessment in Counseling	3

CSLG5500	Advanced Group Counseling Theories and Techniques with Lab	3
CSLG5899	Counseling Practicum	3
CSLG6100	Advanced Co-Occurring Disorders and Addictions Counseling	3
CSLG6200	Counseling the Chemically Dependent and Their Families	3
CSLG6500	Leadership in Agency Settings	3
CSLG6899	Counseling Internship II	12
PSYC5200	Advanced Neuroscience and Psychopharmacology	3
RSCH6100	Research and Theories in Addiction Counseling	3
<b>Total Credits</b>		<b>60.0</b>

† These graduate courses fulfill the bachelor of science requirements in the fourth year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Combined Degrees: Psychology B.S./Clinical Mental Health Counseling M.S.

## Curriculum

The College of Arts & Sciences offers students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Psychology B.S./Clinical Mental Health Counseling M.S. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. in Psychology and an M.S. in Clinical Mental Health Counseling degree in as little as five years.

Qualified students are able to complete four core Counseling graduate courses that will count towards their undergraduate Psychology degree. Visit the Psychology B.S. degree and Clinical Mental Health Counseling M.S. degree program pages for program descriptions and outcomes.

## Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Psychology B.S./Clinical Mental Health Counseling M.S. program should apply directly for the program by the end of their third year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Psychology B.S./Clinical Mental Health Counseling M.S. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application. If admitted to the graduate program, students will begin graduate study in the summer after their senior year.

## Psychology

A four-year program leading to the bachelor of science degree

### Major Courses

PSYC1001	Introductory Psychology	3
PSYC1020	Introduction to Professional Issues and Ethics in Psychology	3
PSYC2002	Abnormal Psychology	3
PSYC2030	Developmental Psychology	3
PSYC3001	Social Psychology	3
PSYC3010	Personality	3
PSYC3040	Introduction to Neuropsychology and Psychopharmacology	3
PSYC4200	Cultural Psychology	3
RSCH2050 or RSCH3020	Workshop in Acquiring Social Research Skills Honors Research Methods	3
RSCH4050	Research Seminar in Psychology	3

### Applied/Experiential Learning & Major Electives or Specialization in Counseling Psychology

Choose six of the following (no more than two SOC-designated courses): \* 18

CJS2050	Criminology	
CSLG2030	Counseling Theories and Techniques	
CSLG2040	Introduction to Career and School Counseling	
CSLG2110	Introduction to Family Treatment for Addictions Counselors	
CSLG3001	Introduction to Case Management	
CSLG3005	Introduction to Crisis Intervention	
CSLG3010	Principles of Group Counseling	
CSLG3040	Counseling Techniques for Addictions and Other Behavioral Disorders	
CSLG3050	Introduction to Marriage and Family Therapy	
PSYC2015	Human Sexuality	
PSYC2020	Industrial/Organizational Psychology	
PSYC2040	Psychological Issues of Substance Use Disorders and Compulsive Behaviors	
PSYC2100	Health Psychology	
PSYC3200	Cognitive Psychology	
PSYC3350	Psychology of Motivation and Leadership in the Workplace	
PSYC3420	Criminalization of Mental Illness	
PSYC4150	Psychology of Conflict Resolution	
SOC2035	Sociology of Aging	
SOC3060	Deviant Behavior	

Or

Specialization in Counseling Psychology (18 credits)

CSLG2030	Counseling Theories and Techniques	
CSLG3001	Introduction to Case Management	

CSLG3005	Introduction to Crisis Intervention	
CSLG3010	Principles of Group Counseling	
Choose two of the following:		
CSLG2040	Introduction to Career and School Counseling	
CSLG2110	Introduction to Family Treatment for Addictions Counselors	
CSLG3040	Counseling Techniques for Addictions and Other Behavioral Disorders	
CSLG3050	Introduction to Marriage and Family Therapy	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	

Integrative Learning 6

Two ILS courses, one at the 2000 level, one at the 4000 level

Arts and Humanities 6

Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL, or REL

Mathematics 6

MATH1002 A Survey of College Mathematics (or higher, based on student's placement)

MATH2001 Statistics I  
or MATH2010 Introduction to Biostatistics

Science 3

Choose one of the following:

SCI1015 Introduction to Life Science

SCI1050 Nutrition

SCI2031 Anatomy and Physiology

Social Sciences 6

SOC1001 Sociology I

or SOC2005 Honors Seminar: Social Inequalities

One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC or RES

A&S Electives 6

Two courses with an EASC attribute

### Free Electives #

18 credits selected from 1000-4999 numbered offerings within the university 18

### Graduate Courses \*\*

CSLG5060	Counseling Theories	3
CSLG5170	Multicultural Counseling: Theories and Techniques	3
CSLG5250	Professional Orientation and Ethical Practice (Practicum 1)	3
CSLG5300	Individual Counseling Theories and Techniques I (Practicum 2)	3

**Total Credits 122.0**

\* Students are responsible for meeting prerequisites.

\*\* Students use 6 credits of internship from Applied/Experiential Learning/Counseling Psychology and 6 free elective credits for graduate-level courses in the Clinical Mental Health Counseling M.S. during their fourth year.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

## Clinical Mental Health Counseling

Master of Science

### Core Courses

CSLG5060	Counseling Theories †	3
CSLG5100	Advanced Career Counseling	3
CSLG5150	Counseling Across the Lifespan	3
CSLG5170	Multicultural Counseling: Theories and Techniques †	3
CSLG5250	Professional Orientation and Ethical Practice (Practicum 1) †	3
CSLG5300	Individual Counseling Theories and Techniques I (Practicum 2) †	3
CSLG5350	Health and Wellness Counseling	3
CSLG5400	Psychopathology and Treatment Planning	3

CSLG5450	Testing and Assessment in Counseling	3
CSLG5500	Advanced Group Counseling Theories and Techniques with Lab	3
CSLG5899	Counseling Practicum	3
CSLG6100	Advanced Co-Occurring Disorders and Addictions Counseling	3
CSLG6150	Individual Counseling Theories and Techniques II (Practicum 3)	3
CSLG6350	Mental Health Counseling for Families	3
CSLG6899	Counseling Internship II	12
PSYC5200	Advanced Neuroscience and Psychopharmacology	3
RSCH6150	Research and Theories in Mental Health Counseling	3
<b>Total Credits</b>		<b>60.0</b>

† These graduate courses fulfill the bachelor of science requirements in the fourth year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.



# Combined Degrees: Psychology B.S./Public Health M.P.H.

## Curriculum

The College of Arts & Sciences offers students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Psychology B.S./Public Health M.P.H. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. degree in Psychology and a Master of Public Health degree in as little as five years.

Qualified students are able to complete five core Master of Public Health graduate courses that will count toward their undergraduate Psychology degree. Visit the Psychology B.S. degree and Master of Public Health degree program pages for program descriptions and outcomes.

### Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Psychology B.S./Public Health M.P.H. program should apply directly for the program by the end of their first year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Psychology B.S./Public Health M.P.H. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application.

### Psychology

A four-year program leading to the bachelor of science degree

#### Major Courses

PSYC1001	Introductory Psychology	3
PSYC1020	Introduction to Professional Issues and Ethics in Psychology	3
PSYC2002	Abnormal Psychology	3
PSYC2030	Developmental Psychology	3
PSYC3001	Social Psychology	3
PSYC3010	Personality	3
PSYC3040	Introduction to Neuropsychology and Psychopharmacology	3
PSYC4200	Cultural Psychology	3
RSCH2050	Workshop in Acquiring Social Research Skills	3
or RSCH3020	Honors Research Methods	
RSCH4050	Research Seminar in Psychology	3

#### Major Electives or Specialization in Counseling Psychology

Choose six of the following (No more than two SOC-designated courses): \*

CJS2050	Criminology	
CSLG2030	Counseling Theories and Techniques	
CSLG2040	Introduction to Career and School Counseling	
CSLG2110	Introduction to Family Treatment for Addictions Counselors	
CSLG3001	Introduction to Case Management	
CSLG3005	Introduction to Crisis Intervention	
CSLG3010	Principles of Group Counseling	
CSLG3040	Counseling Techniques for Addictions and Other Behavioral Disorders	
CSLG3050	Introduction to Marriage and Family Therapy	
PSYC2015	Human Sexuality	
PSYC2020	Industrial/Organizational Psychology	
PSYC2040	Psychological Issues of Substance Use Disorders and Compulsive Behaviors	
PSYC2100	Health Psychology	
PSYC3200	Cognitive Psychology	
PSYC3350	Psychology of Motivation and Leadership in the Workplace	
PSYC3420	Criminalization of Mental Illness	
PSYC4150	Psychology of Conflict Resolution	
SOC2035	Sociology of Aging	
SOC3060	Deviant Behavior	

Or

#### Specialization in Counseling Psychology (18 credits)

CSLG2030	Counseling Theories and Techniques	
CSLG3001	Introduction to Case Management	
CSLG3005	Introduction to Crisis Intervention	
CSLG3010	Principles of Group Counseling	
Choose two of the following:		
CSLG2040	Introduction to Career and School Counseling	

CSLG2110	Introduction to Family Treatment for Addictions Counselors	
CSLG3040	Counseling Techniques for Addictions and Other Behavioral Disorders	
CSLG3050	Introduction to Marriage and Family Therapy	
<b>Related Professional Studies</b>		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL, or REL		
Mathematics		
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
or MATH2010	Introduction to Biostatistics	
Science		
Choose one of the following:		
SCI1015	Introduction to Life Science	
SCI1050	Nutrition	
SCI2031	Anatomy and Physiology	
Social Sciences		
SOC1001	Sociology I	
or SOC2005	Honors Seminar: Social Inequalities	
One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC or RES		
A&S Electives		
Two courses with an EASC attribute		
<b>Free Electives #</b>		
15 credits selected from 1000-4999 numbered offerings within the university		
<b>Graduate Courses **</b>		
HSC5020	Foundations of Public Health	3
HSC5080	Health and Healthcare ***	3
HSC5120	Health Trends	3
HSC5150	Chronic Disease Prevention and Control	3
HSC5220	Insights into Vulnerable Populations	3
<b>Total Credits</b>		<b>122.0</b>

\* Students are responsible for meeting prerequisites.

\*\* Students use 6 credits of internship from Applied/Experiential Learning/Counseling Psychology specialization and 9 free elective credits for graduate-level courses in the Public Health M.P.H. during their fourth year.

\*\*\* Course may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

### Public Health

#### Master of Public Health (MPH)

##### Core Courses

HSC5020	Foundations of Public Health †	3
HSC5080	Health and Healthcare ††	3
HSC5100	Healthy Planet	3
HSC5120	Health Trends †	3
HSC5150	Chronic Disease Prevention and Control †	3
HSC5180	Discrimination and Health	3
HSC5220	Insights into Vulnerable Populations †	3
HSC5260	Advocating for Healthier Diets ‡	3
HSC5290	Combatting Infectious Disease	3
HSC5320	Cultural Competency to Improve Health	3
HSC5350	Diversity, Equity and Inclusion ‡	3

HSC5380	Policy of Addiction	3
HSC5420	Community Organizing	3
HSC6120	Improving Community Health	3
HSC6920	Public Health Capstone	3

**Total Credits** **45.0**

- † These graduate courses fulfill the bachelor of science requirements in the fourth year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.
- ‡ Courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

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## Admissions Requirements

### Undergraduate

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Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Community Justice - MINOR

A Community Justice minor provides students the opportunity to learn about the various approaches and tactics utilized in a victim-oriented problem-solving model of criminal justice. This crime management perspective is focused on developing strategies that include community, offender, victim and law enforcement approaches centered on mediation, restoration and reintegration for the goal and purpose of community wellness and offender rehabilitation.

## Community Justice

### Minor

COMJ1020	Community Justice	3
COMJ2030	Race, Crime and Justice	3
COMJ3050	Cultural Awareness and Diversity in Criminal Justice	3
Choose two of the following: *		6
CJS1090	Law Enforcement	
CJS2050	Criminology	
CJS2150	Criminal Justice Ethics	
CJS3033	Community Policing	
CJS3210	Victimology	
CJS4020	Offender Assessment and Case Management	
COMJ1080	Restorative Justice	
COMJ4060	Change and Innovation in Law Enforcement	
PSCI2200	Race, Politics and Power in America	
PSYC3100	Community Psychology	
PSYC4150	Psychology of Conflict Resolution	
SOC3100	Sociology of Race and Ethnicity	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Criminal Justice - B.S.

## Curriculum

The Criminal Justice bachelor's degree program prepares students for professional careers in the field of criminal justice. Through this course of study, students are expected to acquire the communication, logic, critical thinking and ethical reasoning skills essential for both the understanding of complex global and domestic criminal justice issues and for effective career performance and progression.

Upon completion of the program, graduates are expected to:

- Apply the historical contexts and knowledge of the American criminal justice system to current issues within the field.
- Critically evaluate evidence using investigative theories and practices.
- Research and analyze criminal justice issues to generate appropriate recommendations and/or actions.
- Assess and resolve conflict situations using policies and procedures employed by criminal justice professionals.
- Apply ethical strategies to address criminal justice agency/operations within diverse communities and/or global contexts.

The program's judicious mix of criminal justice and arts and sciences courses is intended to develop and enhance each student's critical thinking and effective communication skills, as well as their appreciation for diversity, citizenship, leadership and public service. In keeping with the unique curriculum and varied career opportunities available to graduates of the Criminal Justice program, students are encouraged to take advantage of available internship, study abroad and elective course opportunities that target their specific interests and goals.

Students in Criminal Justice will have the opportunity to select a Community Justice specialization. The interdisciplinary nature of this curriculum provides students the opportunity to think differently about justice and criminal behavior that is reflective of industry trends toward crime prevention, community building and criminal justice. This specialization will allow students a means to foster their intellectual curiosity while enhancing and enriching their educational experience thereby stimulating professional success and lifelong personal and professional growth.

Graduates of the program are prepared for a wide variety of criminal justice employment at the local, national and federal levels including careers in court administration, private investigation, airport security and social services, or as a federal agent, police officer or border patrol agent, among many others.

Upon completion of the Community Justice specialization, graduates are expected to be able to:

- Analyze the evolution of community justice practices from domestic and global perspectives.

## Criminal Justice

A four-year program leading to the bachelor of science degree

### Major Courses

CJS1002	Introduction to Criminal Justice	3
CJS1090	Law Enforcement	3
CJS2040	Corrections	3
CJS2050	Criminology	3
CJS3075	Criminal Investigation	3
CJS3850	Homeland Security	3
CJS4045	Criminalistics with Lab	3
CJS4080	Criminal Justice Senior Seminar	3
LAW3015	Criminal Procedure	3
LAW3025	Criminal Law	3

### Major Electives or Specialization in Community Justice

Choose five of the following: \* 15

CJS1070	Criminal Courts	
CJS2085	Juvenile Justice	
CJS2150	Criminal Justice Ethics	
CJS3033	Community Policing	
CJS3210	Victimology	
CJS3450	Comparative Criminal Justice	
CJS3820	Cyber Crimes	
CJS4020	Offender Assessment and Case Management	
CJS4050	Advanced Topics in Criminal Justice	
CJS4065	Advanced Topics in Criminalistics with Lab	

COMJ1020	Community Justice	
COMJ1080	Restorative Justice	
COMJ2030	Race, Crime and Justice	
COMJ3050	Cultural Awareness and Diversity in Criminal Justice	
COMJ4060	Change and Innovation in Law Enforcement	
PSCI2001	International Relations and World Politics	
REL2001	Comparative Study of World Religions	

Or

Specialization in Community Justice		
COMJ1020	Community Justice	
COMJ2030	Race, Crime and Justice	
COMJ4060	Change and Innovation in Law Enforcement	

Choose two of the following:

CJS3210	Victimology	
CJS4020	Offender Assessment and Case Management	
COMJ1080	Restorative Justice	
COMJ3050	Cultural Awareness and Diversity in Criminal Justice	
PSCI2200	Race, Politics and Power in America	
PSYC3100	Community Psychology	
PSYC4150	Psychology of Conflict Resolution	
SOC3100	Sociology of Race and Ethnicity	

### Applied/Experiential Learning

Choose 12 credits from the following: **		12
ASCI4799	College of Arts & Sciences Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
Study Abroad <sup>Sa</sup>		

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
PSYC1001	Introductory Psychology	3
PSYC2002	Abnormal Psychology	3
RSCH2050	Workshop in Acquiring Social Research Skills	3
SOC3060	Deviant Behavior	3

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
HIST3200	American Government	
One course from ART, HUM, LIT, PHIL or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3

Choose one of the following:

SCI1015	Introduction to Life Science	3
SCI2020	Introduction to Exercise Physiology	
SCI2031	Anatomy and Physiology	

Social Sciences 6

SOC1001	Sociology I	
or SOC2005	Honors Seminar: Social Inequalities	
One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC or RES		

A&S Electives 6

Two courses with an EASC attribute

### Free Electives #

9 credits selected from 1000-4999 numbered offerings within the university 9

**Total Credits 122.0**

\* Students are responsible for meeting prerequisites.

\*\* In lieu of an internship, directed experiential education, research course, or study abroad, students may use the Applied/Experiential Learning credits towards a minor.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

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### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Criminal Justice - MINOR

A Criminal Justice minor offers non-Criminal Justice students the opportunity to learn about the various components of criminal justice and the interdisciplinary nature of the field. These students acquire knowledge and understanding in a secondary area of inquiry independent of their academic major, thus enhancing their career possibilities and creating opportunities for future research experiences. The minor in Criminal Justice requires a minimum of 15 semester credits in a single prescribed area of study concurrently with the student's bachelor's degree requirements.

### Criminal Justice

#### Minor

CJS1002	Introduction to Criminal Justice	3
CJS2050	Criminology	3
CJS3850	Homeland Security	3
LAW3015	Criminal Procedure	3
Choose one of the following: *		3
CJS1070	Criminal Courts	
CJS2085	Juvenile Justice	
CJS3075	Criminal Investigation	
LAW3025	Criminal Law	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Data Analytics - B.S.

## Curriculum

The Data Analytics bachelor's degree program seeks to provide graduates with the knowledge, skills and tools necessary to obtain employment as a data analyst. Graduates learn to use specialized systems and software to collect and organize data, then use statistical methods to discover patterns, find correlations and predict outcomes in order to make better-informed decisions within their chosen field. Students in this program receive a firm foundation in mathematics, computer programming, and communications, along with gaining experience with database management systems and spreadsheet programs.

Upon completion of the program, graduates are expected to:

- Write reports and make presentations containing visual data or statistical results.
- Utilize database management systems and spreadsheet programs to collect, organize and display data.
- Use standard techniques of mathematics and statistics in order to address problems or explore phenomenon that are prevalent in various fields.
- Develop linkages between their interdisciplinary intellectual inquiries and their own ethical positions in terms of contemporary challenges facing individuals, communities and societies.

This program allows students to either directly enter the workforce or continue to a graduate-level education. The hybrid nature of data analysis in the workplace requires both analytical skills and domain specific knowledge. JWU's program prepares its graduates for this aspect of the profession by offering a selection of minors. Qualifying students will complete a 12-credit-hour internship to gain experience in the workforce. Students also have the opportunity to apply to the 4+1 Data Analytics master's degree program.

## Data Analytics

A four-year program leading to the bachelor of science degree

### Major Courses

CSIS1000	Problem Solving and Programming Concepts	3
CSIS1101	Computer Science I	3
CSIS2030	Database Concepts	3
CSIS2080	Database Design	3
DMSM2025	Introduction to Data Visualization	3
DMSM2050	Spreadsheets for Data Analysis	3
FIT1040	Spreadsheet Design for Business Solutions	3
MATH2220	Linear Algebra	3
MATH4900	Applied Statistics	3

### Major Electives or Minor

Choose 15 credits from the following courses or declare a minor: **		15
CYB3038	HCI/Usable Security	
ITEC3050	Information Security with Cryptography	
Choose three of the following:		
CSIS1112	Computer Science II	
ENG2010	Introduction to Technical Communication	
MATH2020	Discrete Mathematics	
PRMG2010	Introduction to Project Management & Project Membership	

### Applied/Experiential Learning

Choose 12 credits from the following:		12
ASCI4799	College of Arts & Sciences Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
Study Abroad <sup>Sa</sup>		

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communication Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrated Learning		6
Two ILS Courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	

One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1035	Quantitative Analysis I (or higher, based on student's placement) ***	
MATH2035	Quantitative Analysis II	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Science		6
ECON1001	Macroeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
MATH2001	Statistics I	
or MATH2010	Introduction to Biostatistics	
MATH2002	Statistics II	
<b>Free Electives #</b>		
24 credits selected from 1000-4999 numbered offerings within the university		24
<b>Total Credits</b>		<b>122.0</b>

\* Students are responsible for meeting prerequisites.

\*\* Students should consult with their advisor when selecting a minor.

\*\*\* Students that do not place in MATH1035 Quantitative Analysis I, must take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this counts as a free elective.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### Combined Degrees Programs

- Combined Degrees: Data Analytics B.S./M.S. (p. 35)
- Combined Degrees: Data Analytics B.S./Public Health M.P.H. (p. 37)

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

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Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.



# Economics - MINOR

The College of Arts & Sciences offers minors that enhance and strengthen the qualifications of graduates. They are intended to give students opportunities to develop expertise in an area that complements their major program. Real-world applications are embedded in the minors.

Economics is more than just a narrow study of costs and benefits. It is a meaningful way of thinking about choice, human behavior, and the market process. The world is complex and changing; thoughtful planning is needed to ensure success. Employers want individuals with critical thinking skills. Furthermore, businesses and entrepreneurs need individuals that are equipped to respond to an increasingly globalized and interdependent business environment.

## Economics

### Minor

Choose five of the following: *	15
ECON1001	Macroeconomics
ECON1002	Microeconomics
ECON2010	World Economic Geography
ECON3030	Managerial Economics
ECON3070	Contemporary Economic Issues
ECON3120	Economics of Pandemics
ILS2305	Honors Seminar: Behavioral Economics
ILS2325	Economics of Sin
<b>Total Credits</b>	<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Educational Leadership - Ed.D.

The Educational Leadership Ed.D. program has established itself as a prominent preparation program for educational leaders. With its focus on preparing graduates who can think, learn and perform as educational leaders, the program exemplifies the university's mission of blending academic and work-based learning for career advancement. The doctoral program's particular focus is on the creation and use of knowledge to impact education practice.

The program emphasizes the preparation of educators who aspire to advance to leadership positions in their respective fields. To do so, these educators must keep abreast of developments and current practices in their fields, keep current in their knowledge, embrace contemporary practices, and develop and maintain the skills to recognize, evaluate and lead change.

Program outcomes are designed so that graduates develop skills and dispositions in leadership, collaboration, communication, research, critical thinking, problem solving and technology.

Upon completion of the program, graduates are expected to:

- Define problems, not just recognize symptoms, to ask the right questions, to think beyond the obvious, to develop and test several alternatives, and choose the option that maximizes the results.
- Utilize existing research, data and appropriate research methodology to develop and test alternative solutions, and to choose the best course of action.
- Communicate appropriately to individuals and groups of various sizes orally and in writing in order to teach students, to persuade others, to mediate disputes and to build convincing cases.
- Structure educational environments in which leadership roles and responsibilities are shared; in which the mission, goals and work are determined collaboratively; in which evidence overrides opinion, tradition and bias; in which decisions are made in a timely manner and communicated efficiently; and in which others are motivated to do more than they thought they could.
- Think beyond common constraints, to take calculated risks and to advocate stretched goals in order to bring fresh perspectives to educational issues and problems and to open the way for new and potential promising solutions.
- Articulate a vision for technology utilization in order to model and promote effective uses; to support teaching and learning; to improve management functions; to provide forward-thinking leadership and management to continuously improve organizations; and to facilitate better understanding of social, ethical and legal issues and responsibilities related to a digital age culture.
- Recognize and take into account the ethical and legal dimension of potential actions, to practice and promote social awareness and ethical behavior, and to encourage others to do the same.
- Exercise leadership to address the pressing issues of social justice, diversity, equity and inclusion in order to close achievement gaps for underrepresented populations.

## Cohort Structure

The cohort structure is essential to the philosophy of the program. Students enter and progress through courses as a group, fostering a team approach to studying and solving educational problems, and interpreting and disseminating the results of such study. An important outcome of the program is to establish, over time, a true network of working scholars who can examine, critique, support and complement one another's educational practice.

## Instruction

Faculty use a variety of instructional methods with an emphasis on experiential, collaborative, project-based and interactive techniques. Instructional technology is used to design an innovative learning experience and serve as a model for what tomorrow's educational leaders will use in their schools and agencies. Following a published weekend schedule, synchronous class meetings are augmented by asynchronous learning opportunities designed to address the needs of adult learners and busy professionals.

## Principal Residency Network (PRN)

Upon successful admission to the PRN and the JWU doctoral program, aspiring principals are able to earn credit toward the doctoral degree in

Educational Leadership at JWU through successful completion of the PRN program.

## Program Requirements

To satisfy program requirements, each student must successfully

1. complete 60 credit hours (48 hours of coursework and 12 hours of dissertation work, which forms the basis for the dissertation);
2. maintain a cumulative grade point average of at least 3.25;
3. maintain continuous enrollment, even during dissertation work;
4. successfully complete the comprehensive assessment;
5. submit a dissertation proposal within 18 months of completion of coursework; and
6. complete all program requirements within six academic years from the initial date of matriculation.

(Note: For a valid reason, the Educational Leadership program director may extend deadlines.)

All communication to students from the university will be conducted through the university email system, and students are required to use and check this account on a regular basis.

A student becomes an official candidate for the degree upon successfully completing all courses and passing the Comprehensive Assessment.

## Comprehensive Assessment

The comprehensive assessment is scheduled after coursework is completed. The purpose of this authentic assessment is to determine whether a student has mastered the knowledge and developed the skills required in the Educational Leadership Program competencies, and is thus ready to undertake dissertation work. The assessment is a required exercise designed to support students in preparation for their dissertation work. A passing score is required to move into the proposal/dissertation phase of the program.

## Doctoral Dissertation I and II

Upon the completion of coursework, students are required to register for EDUC9005 Doctoral Dissertation I in the fall and EDUC9010 Doctoral Dissertation II in the spring to support the dissertation development. With the guidance of faculty, students will submit a dissertation proposal. Detailed procedures and expectations for the entire research/defense phase of the program appear in the Educational Leadership Program Guide and Dissertation Handbook. This research must focus on a practical and significant problem or issue that can be resolved effectively. The proposal undergoes a rigorous review by the major advisor/committee, external reviewer, and, if needed, the Institutional Research Board (IRB) before moving into the data collection phase of the dissertation work.

Students are required to submit a dissertation that demonstrates they have acquired the technical and professional competencies associated with educational leadership and the ability to conduct research. The dissertation identifies an issue of concern, reports on the existing body of knowledge, and presents significant research that adds to the field.

To expedite the process of completing the dissertation, students receive close, ongoing faculty supervision. The Educational Leadership Program Guide and Dissertation Handbook describes the process in detail.

Students who do not complete the dissertation in the year following the Comprehensive Assessment and completion of EDUC9005 Doctoral Dissertation I and EDUC9010 Doctoral Dissertation II will be automatically scheduled for EDUC9011 Doctoral Dissertation Advisement. This continuation requires a Dissertation Advisement Fee (p. 373) every eight weeks (during the fall, spring and summer semesters) until successful defense of the dissertation or end of time allotted for degree completion.

Students scheduling the dissertation defense while enrolled in EDUC9011 Doctoral Dissertation Advisement will continue to be enrolled and charged appropriate tuition until the grade change process is submitted and complete.

## Doctoral Program Courses

Instruction is scheduled in a sequence of courses addressing significant areas of educational leadership. Most students will complete their coursework in years one and two and their dissertation in year three.

## Elementary-Secondary Education

### Core Courses

EDUC7004

Research I

6

EDUC7011	Strategy & Change in Elementary and Secondary Education	6
EDUC7032	Organizational Theory, Behavior, and Development in Elementary and Secondary Education	6
EDUC7035	Teaching and Learning in Elementary and Secondary Education	6
EDUC8004	Research II	6
EDUC8017	Strategic Fiscal Leadership in Elementary and Secondary Education	6
EDUC8095	Leadership in Elementary and Secondary Education	6
EDUC8120	Family and Community Engagement in Elementary and Secondary Education	3
EDUC8240	Law and Policy in Elementary and Secondary Education	3
EDUC9005	Doctoral Dissertation I	6
EDUC9010	Doctoral Dissertation II	6
<b>Total Credits</b>		<b>60.0</b>

## Higher Education

### Core Courses

EDUC7004	Research I	6
EDUC7021	Nature of Higher Education	6
EDUC7030	The Transformative Learning Environment in Higher Education	6
EDUC7031	Organizational Theory and Behavior in Higher Education	6
EDUC8004	Research II	6
EDUC8016	Resource Planning and Management in Higher Education	6
EDUC8090	Leadership in Higher Education	6
EDUC8150	The Contemporary College Student	3
EDUC8270	Law and Policy in Higher Education	3
EDUC9005	Doctoral Dissertation I	6
EDUC9010	Doctoral Dissertation II	6
<b>Total Credits</b>		<b>60.0</b>

All program requirements must be completed within six years. Students who do not complete the dissertation in the prescribed time will be automatically scheduled for EDUC9011 Dissertation Advisement. This continuation requires a Dissertation Advisement Fee (p. 373) (charged every eight weeks during each fall, spring and summer semester) until successful defense of the dissertation or end of time allotted.

## Environmental Sustainability - MINOR

The College of Arts & Sciences offers minors that enhance and strengthen the qualifications of graduates. They are intended to give students opportunities to develop expertise in an area that complements their major program. Real-world applications are embedded in the minors.

This minor prepares students to understand the scientific, public policy and economic challenges of current environmental problems such as global climate change and renewable energy. Faced with balancing social, economic and environmental concerns, industry and community leaders are exploring sustainable business practices. Through coursework and field research, students develop the knowledge and skills needed to address sustainability issues and to navigate the emerging green economy.

### Environmental Sustainability

#### Minor

SCI1010	Environmental Science	3
SCI3020	Sustainability Policy and Planning	3
SCI3070	Food Sustainability	3
SCI3080	The Business of Sustainability	3
SCI4090	Research Seminar in Sustainability	3
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Equine Studies - B.S.

## Curriculum

The Equine Studies bachelor's degree program introduces students to all facets of the equine field. Students have the opportunity to complete a general course of study or focus their education on equine business management or equine-assisted services specialization. By combining a foundation of comprehensive equine courses with a solid business or equine therapeutic-focused core curriculum, students are prepared for a diversity of careers working with horses. Students learn how to select, care for and manage horses involved in all aspects of the equine industry.

Foundational equine classes develop their understanding of horses with study in anatomy, physiology, behavior, lameness, sports therapy, genetics, nutrition, diseases and reproduction. Further classes develop the ability to evaluate horses for sport and develop skills in equine facilities design, operation and event management.

Students gain hands-on experience in all aspects of horse husbandry, including handling and health maintenance, nutrition, facilities management and equipment usage.

All students participate in the internship program, which allows them to work in the equine industry at approved establishments.

Core and elective courses in the College of Arts & Sciences provide the critical thinking and communication skills that are considered essential by employers along with the chance for students to explore areas of personal interest.

Upon completion of the program, graduates are expected to:

- Design a comprehensive health plan that addresses the needs of different classes of horses, integrating best practices in disease prevention, nutrition and management.
- Evaluate the conformation, anatomy and movement of sport horses to determine the most appropriate use for each individual horse.
- Apply basic learning theory and implement ethical equine training practices.
- Evaluate the impact of various international influences on the historical development of the modern equine industry.

### Specialization in Equine Business Management

Students choosing a specialization in equine business management take a suite of courses from the College of Business designed to provide them with up-to-the-minute business skills. Students develop financial literacy, strategic planning, entrepreneurship, operations management and total quality management skills alongside traditional business majors. Students completing this specialization are prepared to manage all aspects of the equine industry. Examples of careers include farm manager, equine advertising account manager, equine business entrepreneur, sales representative, insurance agent, horse show personnel, and horse/breed association publicist.

Upon completion of the Equine Business Management specialization, students are expected to:

- Develop a comprehensive business plan for the management and marketing of various aspects of an equine-related business.

### Specialization in Equine-Assisted Services

Students choosing an emphasis in equine-assisted activities and therapies take a suite of courses that enhance and strengthen the qualifications of graduates interested in equine-assisted activities and therapies. This specialization gives students the opportunity to gain additional knowledge and skills in the expanding field of therapeutic riding and equine-assisted learning. Students completing this specialization can pursue careers in therapeutic riding instruction, therapeutic horse management, therapeutic riding program management, and equine-assisted learning and therapy.

Upon completion of the Equine-Assisted Services specialization, students are expected to:

- Demonstrate the skills and knowledge requisite for pursuing a career in equine-assisted services.

To participate in the Equine Studies program, each student, with or without reasonable accommodations, must be able to safely (including the safety of the animal, where applicable) meet minimum technical standards as described for this program.

## Equine Studies

A four-year program leading to the bachelor of science degree

### Major Courses

EQN1001	Introduction to Equine Studies	3
EQN1006	Introduction to Equine Studies Laboratory	1
EQN1030	Equine Anatomy and Physiology	3
EQN2000	Equine Diseases and Conditions	3
EQN2001	Foundations of Horsemanship and Riding Theory (Equine Lameness & Sports Therapy)	3
EQN2030	Equine Lameness and Sports Therapy Laboratory	1
EQN3010	Equine Reproduction and Genetics	3
EQN3025	Equine Nutrition	3
EQN3040	Sport Horse Evaluation and Judging	3
EQN3350	Equine Facility Design and Operation Management	3
EQN4410	Equine Behavior and Training	3

### Major Electives or Specialization

Choose 27 credits of the following\* (maximum of three credits in horseback riding) or Specialization listed below:†

ACCT1210	Financial Accounting	
ACCT1220	Managerial Accounting	
ADVC1010	Marketing Communications	
ANSC2030	Principles of Animal Behavior and Training	
ANSC3350	Perspectives in Animal-Assisted Interventions	
ANSC4120	Animal Welfare, Health and Wellness	
ANSC4410	Special Topics in Animal Science I	
ANSC4440	Special Topics in Animal Science II	
ANSC4470	Special Topics in Animal Science III	
BIO1011 & BIO1016	General Biology - Cellular and General Biology Laboratory - Cellular	
BIO1022 & BIO1026	General Biology - Organismal and General Biology Laboratory - Organismal	
BUS1001	Introduction to Business and Management	
CHM1000 & CHM1006	Foundations in Chemistry and Foundations in Chemistry Laboratory	
DMSM1001	Introduction to Digital/Social/Mobile Media	
ECON1001	Macroeconomics	
ECON1002	Microeconomics	
ECON2010	World Economic Geography	
ECON3030	Managerial Economics	
ECON3070	Contemporary Economic Issues	
ENG3130	Sports Writing	
ENTR2001	Introduction to Entrepreneurship	
ENTR2030	Pitching & Planning New Ventures	
ENTR3015	Small Business Management	
ENTR3025	Growth and Sustainability for Small Business	
ENTR3030	Marketing for Entrepreneurs	
ENTR3060	Financing New Ventures	
EQN1410	Collegiate Horseback Riding	
EQN3001	Methods of Horseback Riding Instruction	
EQN3030	Equine Competition Management and Course Design	
EQN3280	Introduction to Equine-Assisted Services	
EQN3290	Application of Equine-Assisted Services	
EQN4050	Horse Farm Management and Business Planning	
EQN4087	Equine International Experience	
EQN4115	Special Topics in Equine Studies I	
EQN4145	Special Topics in Equine Studies II	
EQN4215	Special Topics in Equine Studies III	
EQN4310	Equine Industry Experience	
EVNT1001	Introduction to Event Management	
EVNT2020	The Business of Event Management	
EVNT3030	Fairs and Festivals	
FIT1040	Spreadsheet Design for Business Solutions	
FISV2000	Finance	
HOSP1001	Orientation to the Hospitality Industry	
HOSP2260	Exploring the Private Club Industry	
LAW2001	The Legal Environment of Business I	
MCOM1005	Introduction to Media & Communication	
MCOM1070	Writing for Radio, Television and Film	
MCOM1150	Introduction to Media Production	
MCOM1210	Foundations of Digital Photography	
MCOM2030	Media Texts	
MCOM2400	Writing for Publication	
MGMT2001	Human Resource Management	

MRKT1001	Marketing Foundations	
RSCH2050	Workshop in Acquiring Social Research Skills	
RSCH3810	Undergraduate Laboratory and Field Research	
RSCH3830	Undergraduate Research Experience	
SCI1010	Environmental Science	
SCI2020	Introduction to Exercise Physiology	
SCI2031	Anatomy and Physiology	
SEE1001	Introduction to the Sports, Entertainment and Event Management Industry	
SEE2180	Sporting Activities in Private Clubs	
SEE3030	Athletic Coaching and Administration	
SEE4050	International Sports, Entertainment, Event and Venue Management	
TRVL1105	Adventure, Sport and Nature-Based Tourism	

#### Applied/Experiential Learning

Choose 12 credits from the following:		12
ASCI4799	College of Arts & Sciences Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
Study Abroad <sup>5a</sup>		

#### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

#### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra	
MATH2001	Statistics I	
Science		3
SCI1015	Introduction to Life Science	
Social Science		6
PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S electives		6
Two courses with EASC attribute		
<b>Free Electives #</b>		
12 credits selected from 1000-4999 numbered offerings within the university		12
<b>Total Credits</b>		<b>124.0</b>

\* Students are responsible for meeting prerequisites.

#### †Specialization in Equine-Assisted Services

Students must select 11-12 additional Major Elective credits if selecting this specialization.		
EQN3001	Methods of Horseback Riding Instruction	3
EQN3280	Introduction to Equine-Assisted Services	3
EQN3290	Application of Equine-Assisted Services	3
PSYC2002	Abnormal Psychology	3
Choose one from the following:		3-4
ESS2010 & ESS2015	Kinesiology and Kinesiology Laboratory	
SCI2031	Anatomy and Physiology	
<b>Total Credits</b>		<b>15.0-16.0</b>

#### †Specialization in Equine Business Management

Students must select 3 additional Major Elective credits if selecting this specialization.		
ACCT1210	Financial Accounting	3
ECON1001	Macroeconomics	3
ENTR2001	Introduction to Entrepreneurship	3
or ENTR3015	Small Business Management	
EQN4050	Horse Farm Management and Business Planning	3
FIT1040	Spreadsheet Design for Business Solutions	3
FISV2000	Finance	3
LAW2001	The Legal Environment of Business I	3

MRKT1001	Marketing Foundations	3
<b>Total Credits</b>		<b>24.0</b>

<sup>1c</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

**Eligibility Criteria:**

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Food Studies - MINOR

The interdisciplinary minor in Food Studies encourages students to explore the significance of food in history, religion, philosophy, literature, politics and more while also developing skills in food writing and presentation. Through diversified coursework, students synthesize and apply theories and concepts from many disciplines of food studies, deepening their understanding of food history and culture and enhancing their major field of studies in the process.

### Food Studies

#### Minor

Choose five of the following: \* 15

ENG3030	Food Writing
ENG3210	Food Media Presentation Skills
ENG4530	Advanced Food Writing: The Food Memoir
HIST2050	Food in World History
LIT3015	Food In Film And Literature
or LIT3018	Honors Seminar: The Languages of Food: Culture and Media
PSCI3300	Politics of Food, Human Security and Social Justice
REL3100	Food, Philosophy and Religion
SOC3020	Culture and Food

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**Total Credits** 15.0

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.



# Forensic Science - MINOR

## Forensic Science

A minor in Forensic Science introduces interested students from all disciplines and majors at the university to the field of forensic science. Through a secondary area of inquiry independent of their academic major, students apply an interdisciplinary scientific approach to their critical thinking and problem-solving skills; they gain the knowledge and ability to use logic, construct arguments and analyze data to solve complex problems. The curriculum engages students in traditional instructional and learning modalities as well as practical hands-on applications from various applied learning and experiential educational experiences. This minor prepares students for graduate school or careers in law enforcement, government, health sciences, or crime scene investigation.

## Forensic Science

### Minor

#### Courses \*

BIO1011 & BIO1016	General Biology - Cellular and General Biology Laboratory - Cellular	4
CHM1000 or CHM1022	Foundations in Chemistry General Chemistry II	3
CHM1006 or CHM1026	Foundations in Chemistry Laboratory General Chemistry II Laboratory	1
CHM2050 or CHM2022	Introduction to Organic Chemistry Organic Chemistry II	3
CHM2056 or CHM2026	Introduction to Organic Chemistry Laboratory Organic Chemistry II Laboratory	1
CJS4045 or PSYC3040	Criminalistics with Lab ** Introduction to Neuropsychology and Psychopharmacology	3
CJS4065	Advanced Topics in Criminalistics with Lab ***	3
<b>Total Credits</b>		<b>18.0</b>

\* Students are responsible for meeting prerequisites.

\*\* Criminal Justice majors who choose to minor in Forensic Science are required to take PSYC3040 Introduction to Neuropsychology and Psychopharmacology to satisfy the minor's credit requirement due to CJS4045 Criminalistics with Lab being a core required class.

\*\*\* Criminal Justice majors who choose to minor in Forensic Science are only allowed to use CJS4065 Advanced Topics in Criminalistics with Lab to satisfy the minor's requirement; they cannot use CJS4065 Advanced Topics in Criminalistics with Lab as a major elective requirement as well.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

## Gender Studies - MINOR

A gender studies minor offers JWU students the opportunity to learn about and understand the complex relationships between gender, human behavior and the world in which we live. Gender has been defined differently in different times and places. It is an individual trait but also a component of institutions and nations. The broad and interdisciplinary study of gender adds deeper understanding to any student's program.

### Gender Studies

#### Minor

GEND1040	Introduction to Gender Studies	3
Choose four of the following: *		12
ILS2180	Sexuality: Science/Culture/Law	
ILS2390	The XX Factor	
PSCI3200	Women in American Political Life	
PSYC2015	Human Sexuality	
SOC2100	Sociology of the Family	
SOC3300	Gender in Global Perspective	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Global Studies - MINOR

The Global Studies minor prepares students for meaningful careers in an increasingly globalizing world. Through diversified coursework, students synthesize and apply theories and concepts from many disciplines (e.g., arts, history, religion, philosophy, literature and politics), deepening their understanding of globalization and enhancing their major field of study.

## Global Studies

### Minor

GLS1001	Introduction to Global Studies	3
Choose four of the following: **		12
ART3110	World Cinemas	
GLS2100	Latin American History, Culture and Society	
GLS2240	Middle East in Global Perspective: Peoples, Cultures and Politics	
HIST2002	World History Since 1500	
HIST2300	History of Globalization	
HIST2400	History of the Atlantic World	
HIST2420	History of the Mediterranean World	
HIST2440	History of the Pacific World	
LAW3055	International Business Law	
REL2001	Comparative Study of World Religions	
SOC2050	Cultures of Africa	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

\*\* Three credits of a Study Abroad course may be applied toward the minor with the following requirements: 3000 level, interdisciplinary in nature and specific to study of the site, and the approval of the department chair.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Interdisciplinary Studies: Design Your Own Major - B.A.

## Curriculum

The Interdisciplinary Studies: Design Your Own bachelor's degree program provides opportunities for students who want to design their own program of study by connecting courses across disciplines. Guided by a team of faculty advisers, students acquire expertise in multiple disciplines and are prepared to navigate and excel in a variety of work environments.

Upon completion of the program, graduates are expected to:

- Demonstrate knowledge of individual disciplines and the ability to integrate concepts and skills from multiple disciplines to create innovative frameworks.
- Synthesize multiple perspectives and apply interdisciplinary methods to explore complex issues and contemporary problems.
- Communicate interdisciplinary ideas and concepts in ways that demonstrate awareness of perspective, audience and disciplinary conventions.
- Engage in reflective learning practices and leverage insights to inform future inquiry.

## Interdisciplinary Studies: Design Your Own Major

A four-year program leading to the bachelor of arts degree

### Major Courses

33–39 semester credits of 2 or 3 distinct academic disciplines ***		33-39
One research course		3
IDST1001	Introduction to Interdisciplinary Studies	1.5
IDST3100	Interdisciplinary Project Development	1.5
IDST4900	Interdisciplinary Studies: DYO Capstone Project	3

### Applied/Experiential Learning

Choose 12 credits from the following: ****		12
ASCI4799	College of Arts & Sciences Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3810	Undergraduate Laboratory and Field Research	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
Study Abroad <sup>5a</sup>		

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL or REL		
Math		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
Two courses from different disciplines: ANTH, ECON, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		
Free Electives #		
18-24 credits selected from 1000-4999 numbered offerings within the university		18-24
<b>Total Credits</b>		<b>122.0</b>

- \* If the major consists of 2 distinct academic disciplines, student must complete between 15–21 semester credits (5–7 courses) in each discipline. If the major consists of 3 distinct academic disciplines, students must complete between 9–15 semester credits (3–5 courses) in each discipline. No more than 21 semester credits may be taken in any one discipline.

- \*\* Of the 33–39 semester credits (11–13 major courses), 15 semester credits (5 courses) must be at the 3000 or 4000 level, not including the IDST4900 Interdisciplinary Studies: DYO Capstone Project.
- \*\*\* Students are responsible for meeting prerequisites.
- \*\*\*\* In lieu of an internship, directed experiential education, research course, or study abroad, students may use the Applied/Experiential Learning credits towards a minor.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all

requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

**Eligibility Criteria:**

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Liberal Studies - B.S.

## Curriculum

Through the required and elective courses in the Liberal Studies bachelor's degree program, students acquire knowledge and experience in the arts, cultural studies, history, philosophy, behavioral sciences, math and science that prepares them to enter the workforce in business, nonprofit, government, and arts and cultural organizations. The degree also prepares them for further graduate studies. In addition, the program includes experiential learning through an internship, service learning and an optional study abroad.

Key differentiators of the JWU Liberal Studies degree program include a requirement that students complete a minor, the inclusion of a heightened form of experiential learning, and in-depth advising in fulfillment of the mission. The required minor is intended to ensure that students have an introduction to a profession or set of professional skills prior to program completion or are prepared to undertake graduate studies.

Upon completion of the program, graduates are expected to:

- Apply oral and written rhetorical strategies to communicate complex arguments.
- Apply appropriate disciplinary criteria to examine complex issues, analyze arguments, conduct credible research, solve problems, make ethical decisions and create original ideas and/or approaches.
- Synthesize and apply knowledge from multiple perspectives to evaluate complex issues and address real-world problems.
- Critically examine and interpret the complexities of human culture, expression and/or behavior using the theories and methods of various disciplines in the humanities, social sciences and natural sciences.

## Liberal Studies

A four-year program leading to the bachelor of science degree

### Major Courses

ART, HIST, LIT, PHIL, REL	One course 2000 level or higher	3
BIO, CHM, PHY or SCI	One course 1000 level or higher	3
ECON, PSCI, PSYC, SOC	One course 2000 level or higher	3
Foreign Language	3 credits as determined by language placement	3
LIBS4900	Liberal Studies Capstone: The Great Conversation	3

### Major Focus

Choose one of the following: 15

#### Arts & Culture

ART, HIST, LIT, PHIL, REL, SOC: One course 2000 level or higher  
 ART, HIST, LIT, PHIL, REL, SOC: Four courses 3000 level or higher

#### Or

#### Science & Society

MATH: One course 1000 level or higher  
 BIO, CHM, ECON, PHY, PSCI, PSYC, SCI, SOC: Four courses 3000 level or higher

### Minor

Select any minor from offerings within the university (some minors may be offered online only) 15

### Applied/Experiential Learning

Choose 6 credits from the following: 6

ASCI4799	College of Arts & Sciences Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3810	Undergraduate Laboratory and Field Research	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
	Study Abroad <sup>5a</sup>	

### Related Professional Studies

Arts & Sciences Electives 9 credits with an EASC attribute selected from offerings within the College of Arts & Sciences. 9

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL or REL		

Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
SCI1010 Environmental Science		
Social Sciences		6
Two courses from different disciplines: ANTH, ECON, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Electives #</b>		
18 credits selected from 1000-4999 numbered offerings within the university		18
<b>Total Credits</b>		<b>122.0</b>

\* Students are responsible for meeting prerequisites.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

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Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

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**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

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Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Leadership Studies - MINOR

The minor in Leadership Studies provides students with a solid foundation of relevant leadership practices. Classroom experiences offer diverse opportunities for students to develop their own leadership skills while learning to apply theory to real-world issues and challenges. The options currently available in this minor include a variety of stimulating courses that engage and encourage students' understanding of leadership as well as their development as young professionals.

### Leadership Studies

#### Minor

LEAD1010	Foundations of Leadership Studies	3
LEAD2012	Power and Leadership	3
LEAD3020	Creative Leadership	3
Choose two of the following:*		6
ILS4302	Abuse of Power: Corruption in Contemporary Society	
PSYC2020	Industrial/Organizational Psychology	
PSYC3350	Psychology of Motivation and Leadership in the Workplace	
PSYC4150	Psychology of Conflict Resolution	
SEE2015	Leadership in Recreation/Leisure Settings	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.



# Master of Arts in Teaching - M.A.T.

The Master of Arts in Teaching (M.A.T.) degree program prepares graduates to apply for certification in the areas of elementary education/elementary special education, business education/secondary special education, or culinary arts education. All programs offer a student-teaching experience in K–12 schools to complete the M.A.T. program; the culinary arts education concentration also offers the choice of completion of a capstone project that includes teaching at the college level.

All students in the program matriculate as a cohort and follow a prescribed sequence of classes. Students attend two or three classes most terms, for two or three nights a week.

Upon completion of the program, graduates are expected to:

- Communicate effectively through a variety of formats such as technology, discussion, writing and reflective listening.
- Respond to students’ developmental and social contexts and provide access to high quality teaching and learning.
- Demonstrate a deep understanding of content in designing learning opportunities.
- Use research, assessment and contextual data to inform practice.
- Work within a professional learning community to support the improvement of teaching, learning, student achievement and pursue professional growth.
- Prepare and deliver lesson plans and curricular units using culinary arts instructional strategies.

In keeping with Johnson & Wales’ core value of experience-based learning, the M.A.T. program requires field-based experiences throughout the program to enhance student learning. Candidates apply research-based theories and best practices learned in university courses when they spend time in K–12 or university culinary classrooms each week. Teacher candidates observe, tutor and plan lessons for small-group and whole-class instruction and reflect on their practice in light of 4 domains of professional teaching: 1) planning and preparation, 2) the classroom environment, 3) instruction and 4) professional responsibilities. This professionally focused experience, under the guidance of experienced teachers, enables candidates to develop their skills and knowledge so that they are ready to teach as soon as they secure their first teaching position.

## Assessment Prior to Student Teaching

Student teaching usually occurs during the candidate’s final term(s). Permission to student teach is granted to candidates who have

- achieved a program GPA of 3.0 or better;
- passed the appropriate content exam for the concentration areas;
- provided evidence of significant progress toward meeting the Rhode Island Professional Teacher Standards (RIPTS) and all other designated standards related to their concentration; and
- passed a video assessment of readiness for student teaching and an assessment of technology use to support teaching and learning.

## Assessment Prior to Recommendation for Program Completion

Teacher candidates who are pursuing initial teacher certification in one or more areas by the Rhode Island Department of Education must satisfactorily pass several transition points throughout the program. Having completed student teaching and all transition points, teacher candidates present their final portfolio and assessment data to a team of evaluators. In addition, candidates for licensure must have passed all tests required by RIDE for licensure in the areas sought. Following the candidate’s presentation, the director of the Teacher Education Program shall make the appropriate recommendation regarding the awarding of the M.A.T. degree and state licensure.\*

*\*It is important to note that, while Johnson & Wales awards the M.A.T. degree, it is the Rhode Island Department of Education that makes the final decision regarding the granting of licensure.*

## Teacher Education - Elementary/Elementary Special Education, Business/Secondary Special Education and Culinary Arts Education Concentrations

Master of Arts in Teaching

### Core Courses

EDUC5130	Foundations for Teaching and Learning	3
SPED5110	Inclusive Teaching of Exceptional Learners	3

**Choose one of the following concentrations: 30-42**

Elementary /Elementary Special Education Concentration		
EDUC5170	Best Practices in Literacy Instruction	
EDUC5260	Strategies for Teaching Mathematics	
EDUC5280	Strategies for Teaching Science	
EDUC6120	Assessment for Student Learning	
EDUC6230	Disciplinary Literacy in the Social Studies Classroom	
EDUC6910	Student Teaching Part 1: Elementary Education	
EDUC6920	Student Teaching Part 2: Elementary Education	
SPED5120	Assessment and Evaluation of Exceptional Learners	
SPED5150	Curriculum and Methods for Exceptional Learners	
SPED5310	Partnerships: Home, School, Community	
SPED6110	Understanding and Managing Behavior in a Diverse Classroom	
SPED6400	Specialized Instruction	
SPED6915	Student Teaching Part 1: Elementary Special Education	
SPED6925	Student Teaching Part 2: Elementary Special Education	

Or		
Business/Secondary Special Education Concentration		
EDUC5170	Best Practices in Literacy Instruction	
EDUC5190	Teaching Financial Literacy	
EDUC5230	Strategies for Teaching Business	
EDUC6120	Assessment for Student Learning	
EDUC6250	Coding, Apps, and Digital Collaborative Tools	
EDUC6930	Student Teaching Part 1: Business Education	
EDUC6940	Student Teaching Part 2: Business Education	
SPED5120	Assessment and Evaluation of Exceptional Learners	
SPED5150	Curriculum and Methods for Exceptional Learners	
SPED5310	Partnerships: Home, School, Community	
SPED6110	Understanding and Managing Behavior in a Diverse Classroom	
SPED6400	Specialized Instruction	
SPED6935	Student Teaching Part 1: Secondary Special Education	
SPED6945	Student Teaching Part 2: Secondary Special Education	

Or		
Culinary Arts Education Concentration		
EDUC5070	Disciplinary Literacy in the Secondary Classroom	
EDUC5180	Curriculum Development for Culinary Arts Programs	
EDUC5240	Methods of Teaching Culinary Arts	
EDUC5270	Advanced Methods of Teaching Culinary Arts	
EDUC5400	Using Feedback to Support Learning in Culinary Education	
EDUC6570	Classroom Management in the Culinary Arts	
EDUC6610	Sustaining a Culinary Arts Program	
Choose one of the following:		
EDUC6950 & EDUC6960	Student Teaching Part 1: Culinary/Baking Education and Student Teaching Part 2: Culinary/Baking Education	
Or		
EDUC6970 & EDUC6980	Capstone Part 1: Culinary/Baking and Capstone Part 2: Culinary/Baking	

**Total Credits 36.0-48.0**

Note: Under rare circumstances, a noncertification M.A.T. may be pursued with permission from the dean of the John Hazen White College of Arts & Sciences. Students will substitute six credits of graduate-level electives for their student teaching requirement.

## Mathematics - MINOR

Mathematics is the foundation for countless fields of study, including but not limited to biology, health science, engineering and finance. Students who complete this minor demonstrate to future employers that they possess strong problem-solving skills and are adaptive thinkers. A math minor may help students to future-proof their careers and stand out in a challenging job marketplace.

### Mathematics

#### Minor

MATH1040	Calculus I	3
MATH2001	Statistics I	3
or MATH2010	Introduction to Biostatistics	
MATH2040	Calculus II	3
MATH3040	Calculus III	3
Choose one of the following: *		3
Any math course at 2000 level or higher		
ILS2435	Leonardo da Vinci: Culture, Art and Math	
ILS2440	Logic, Reasoning and Nonsense: How to Tell the Difference	
ILS2450	The Mathematics of Art	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Media & Communication - B.A.

## Curriculum

Media & Communication students are curious about the production and meaning of media — news, photographs, film, music, television, video games and social networking platforms — and about how audiences respond to that content. Our Major Electives menu includes courses on specific principles and practices, while our Related Professional Studies menu emphasizes creative forms that traverse various cultural industries. Students select courses that complement their intellectual and professional interests, usually by designing focus areas in consultation with faculty advisors.

Upon completion of the program, graduates are expected to:

- Demonstrate knowledge of how the major media industries work in local-global contexts.
- Analyze, interpret and evaluate the aesthetic impressions and expressions of media texts.
- Compare and contrast theories that scholars use to explain the beliefs, attitudes, values, opinions and behaviors of media audiences.
- Assess the political-economic and social-cultural influences among media industries, texts and audiences.
- Apply production or writing skills to the creation of an original project.

The program offers a strong liberal arts education and opportunities to study abroad. Media internships serve as springboards for career opportunities in a variety of industries. Additionally, students are well-positioned to pursue graduate degrees in a variety of fields.

## Media & Communication

A four-year program leading to the bachelor of arts degree

### Major Courses

MCOM1005	Introduction to Media & Communication	3
MCOM1150	Introduction to Media Production	3
MCOM2010	Media Industries	3
MCOM2030	Media Texts	3
MCOM2050	Media Audiences	3
MCOM2550	Introduction to Multimedia Storytelling	3
MCOM3090	Critical Perspectives on New Media	3
MCOM4010	Global Media	3
MCOM4200	Media & Communication Capstone	3

### Major Electives

Choose seven of the following courses (at least two in each elective category): \* 21

Media Studies		
ART2030	Music Appreciation	
ART3020	Art History	
ART3110	World Cinemas	
LIT3180	The Graphic Novel	
MCOM1200		Communicating for Social Change
MCOM2100		Children, Youth and Media
MCOM2150		Visual Communication
MCOM2200		Television Studies
MCOM2300		American Film
MCOM2850		Media Law
MCOM3050		Media Identities
MCOM3100		Radio, Records and Popular Music
MCOM3200		History of Photography
MCOM3300		Hip-Hop Culture
MCOM3400		Latinx Music Culture
MCOM3700		Media Research Methods
MCOM4050		Media & Popular Culture
PSCI2050		Political Communications
Media Production & Storytelling		
ENG2030		Newswriting
ENG2401		Creative Writing
ENG3050		Travel Writing
ENG3130		Sports Writing
ENG3150		Fashion Writing
ENG4602		Advanced Nonfiction Writing Workshop
MCOM1070		Writing for Radio, Television and Film
MCOM1210		Foundations of Digital Photography
MCOM2400		Writing for Publication
MCOM2450		Writing in Digital Media
MCOM2520		Environmental Journalism

MCOM2610	Motion Picture Editing	
MCOM2650	Sound Production	
MCOM3220	Advanced Photographic Practices	
MCOM3600	Narrative Filmmaking	
MCOM3650	Documentary Filmmaking	
MCOM4400	Cinematic Lighting Studio	

### Applied/Experiential Learning

Choose 6 credits from the following: \*\* 6

ASCI4799	College of Arts & Sciences Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	

Study Abroad<sup>5a</sup>

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

Choose three of the following: \* 9

Food Media		
CUL3020	Foundations of Wine	
CULS2010	Introduction to Food Product Development	
ENG3030	Food Writing	
ENG3210	Food Media Presentation Skills	
ENG4530	Advanced Food Writing: The Food Memoir	
FSM2055	Beverage Appreciation	
LIT3015	Food In Film And Literature	
PSCI3300	Politics of Food, Human Security and Social Justice	
SFS1001	Introduction to Food Systems	
SOC3020	Culture and Food	

### Marketing

ADVC1010	Marketing Communications	
ADVC1021	Influencer Marketing	
ADVC2001	Content Creation and Generative AI	
ADVC2011	Media Buying and Planning	
DMSM1001	Introduction to Digital/Social/Mobile Media	
MRKT1001	Marketing Foundations	
MRKT3045	Social and Digital Media Marketing	

### Design

GDES1030	Vector-Based Design	
GDES1050	Image Editing and Design	
GDES2020	Motion Graphics I	
GDES3140	Motion Graphics II	
GDES3300	Design for Video I	
GDES3310	Design for Video II	
GDES3500	3D Modeling & Animation	

### Entertainment

SEE2120	Introduction to the Music Industry	
SEE3060	Concert, Tour and Music Festival Production Management	
SEE3150	Television and Movie Production Management	

### Social Identities

GEND1040	Introduction to Gender Studies	
HIST3020	A Multicultural History of America	
PSCI2200	Race, Politics and Power in America	
PSCI3200	Women in American Political Life	
SOC3100	Sociology of Race and Ethnicity	
SOC3300	Gender in Global Perspective	

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	

### Integrative Learning

Two ILS courses, one at the 2000 level, one at the 4000 level 6

### Arts and Humanities

ART2010	Introduction to Film	6
One course from HIST, HUM, LIT, PHIL, or REL		

### Mathematics

MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	6
One MATH-designated course		

### Science

One course from BIO, CHM, PHY or SCI		3
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### Social Sciences

SOC1001	Sociology I	6
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One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC, or RES	
A&S Electives	6
Two courses with an EASC attribute	
<b>Free Electives #</b>	
15 credits selected from 1000-4999 numbered offerings within the university	15
<b>Total Credits</b>	<b>122.0</b>

- \* Students are responsible for meeting prerequisites.
- \*\* In lieu of an internship, directed experiential education, research course, or study abroad, students may use the Applied/Experiential Learning credits toward a minor.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student

may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Media & Communication - MINOR

The minor in Media & Communication offers students a robust set of courses designed to prepare them for tomorrow's ever-changing media work. Students receive a well-rounded survey of media theories by studying with program faculty. The minor provides an opportunity to develop a rich acquaintance with production tools and technologies as well as hone one's skills in writing, research and analysis. Topics reflect the historical and contemporary interests of the field across all major media, from photographs and motion pictures to music and news.

### Media & Communication

#### Minor

MCOM1005	Introduction to Media & Communication	3
MCOM1150	Introduction to Media Production	3
MCOM2010	Media Industries	3
Principles: Choose one of the following electives: *		3
MCOM3050	Media Identities	
MCOM3090	Critical Perspectives on New Media	
MCOM3100	Radio, Records and Popular Music	
MCOM3200	History of Photography	
MCOM3300	Hip-Hop Culture	
MCOM3400	Latinx Music Culture	
MCOM4010	Global Media	
MCOM4050	Media & Popular Culture	
Practices: Choose one of the following electives: *		3
ADVC1021	Influencer Marketing	
ADVC2011	Media Buying and Planning	
ENG3130	Sports Writing	
ENG3210	Food Media Presentation Skills	
MCOM3600	Narrative Filmmaking	
MCOM3650	Documentary Filmmaking	
MCOM4400	Cinematic Lighting Studio	
MRKT3045	Social and Digital Media Marketing	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

## Medical and Health Humanities - MINOR

The Medical and Health Humanities minor studies disease, disability and healthcare from the perspective of the humanities. Students learn how Western and non-Western cultures in both the past and the present have approached such topics as disease, disability, healing and death to gain insight into current beliefs, attitudes and practices among both healthcare providers and those they serve. Through analysis and discussion of a variety of texts, including medical literature, novels, films and visual art, students develop skills in critical thinking, visual analysis, and oral and written communication while cultivating empathy and gaining awareness of and respect for cultural diversity

### Medical and Health Humanities

#### Minor

Choose five of the following:

15

ART2040	Disease and Illness in Western Art
ILS2135	Health, Healing and the Humanities
ILS2145	Imagining the Human Body: Technology Past, Present and Future
LIT2415	Disease in Film and Literature
HIST3500	History of Health and Medicine in the Western World
PHIL3400	Death & Dying

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Political Science - B.S.

## Curriculum

The Political Science bachelor's degree program prepares students to engage with questions of power, governance, justice and injustice in American and global politics. This program provides students with a rigorous grounding in the analytical, critical and ethical thinking necessary to be an effective professional in the world of politics and public service. Political Science majors encounter the dynamic, complex world of politics through the program's core sequence of courses that emphasizes political literacy and communication, civic and global engagement, ethical decision making, and the application of theory to politics. With priority on exploration and choice, students may pursue their educational and career goals through our program's three major elective categories: 1) American/U.S. Politics, 2) International and Comparative Politics, and 3) Political Thought, Communication and Practice.

Upon completion of the program, graduates are expected to:

- Analyze a diversity of political systems, movements, issues and the dynamic nature of international relations.
- Apply political theory to the practice of politics and political science.
- Demonstrate fluency in the fundamentals of political communications in a variety of professional contexts and settings.
- Effectively employ qualitative and quantitative research methods as appropriate to data demands and contexts.
- Articulate and integrate core ethical principles and standards that define public service and the professional practice of political science.

Students are encouraged to pursue a wide range of opportunities for experiential and applied learning in politics and political science, through program options such as internships, study abroad and language learning. These opportunities provide students with the critical edge needed for building a career in politics and political science, including political campaign management and leadership, political communications, policy research, constituent relations, foreign service, nonprofit organizations, international governmental organizations, transnational corporations, international trade, and government agencies operating at the local, state and federal levels, as well as graduate study. Students also have the opportunity to produce an undergraduate thesis, which prepares them for further graduate study.

## Political Science

A four-year program leading to the bachelor of science degree

### Major Courses

PSCI1001	Introduction to Political Science	3
PSCI1030	Introduction to Political Theory	3
PSCI2001	International Relations and World Politics	3
PSCI2050	Political Communications	3
PSCI2100	Comparative Politics and Government	3
PSCI3005	Political Ideologies and the 21st Century	3
PSCI3050	American Politics, Policy and Institutions	3
PSCI3100	Research Methods in Political Science	3
PSCI3150	Ethics in Public Life	3
PSCI4900	Capstone Seminar in Political Science	3

### Major Electives

Choose seven of the following courses (at least four courses must have a PSCI designation): \*

American/U.S. Politics		
HIST2200	U.S. History Since 1877 (to the Present)	
HIST3020	A Multicultural History of America	
HIST3100	Contemporary American History: The United States in a Global Age	
International Relations and Comparative Politics		
CJ53820	Cyber Crimes	
CJ53850	Homeland Security	
HIST3010	Modern History	
PSCI3250	Dynamics of Contemporary Diplomacy and Statecraft	
PSCI3300	Politics of Food, Human Security and Social Justice	
REL2001	Comparative Study of World Religions	
Political Thought, Communication and Practice		

LEAD2012	Power and Leadership	
PSCI3350	Political Parties, Social Movements and Interest Groups	
PSCI4100	Issues in Political Theory: The Politics of Human Rights in Global Perspective	
PSYC4150	Psychology of Conflict Resolution	
<b>Applied/Experiential Learning</b>		
Choose 6 credits from the following: **		
ASCI4799	College of Arts & Sciences Internship <sup>lc</sup>	6
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
Study Abroad <sup>5a</sup>		
<b>Related Professional Studies</b>		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
MATH2002	Statistics II	3
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		
HIST3200	American Government	
One course from ART, HUM, LIT, PHIL or REL		
Mathematics		
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		
SCI1010	Environmental Science	3
Social Sciences		
ECON1001	Macroeconomics	6
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		
Two courses with an EASC attribute		
<b>Free Electives<sup>#</sup></b>		
18 credits selected from 1000-4999 numbered offerings within the university		
<b>Total Credits</b>		<b>122.0</b>

\* Students are responsible for meeting prerequisites.

\*\* In lieu of an internship, directed experiential education, research course, or study abroad, students may use the Applied/Experiential Learning credits towards a minor.

<sup>lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup>In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate,

and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying

the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.



# Political Science - MINOR

The Political Science minor prepares students to engage with questions of power, governance, justice and injustice in American and international politics. This program provides students with a rigorous grounding in the analytical and ethical thinking necessary to be an effective professional in the world of politics and public service. Students studying political science encounter the dynamic, complex world of politics through courses that emphasize political literacy and communication, civic and global engagement, ethical decision-making, and the application of theory to politics. A political science minor is one that is readily recognized by employers, and demonstrates students have a focused interest and skill set that deepens their efficacy in dealing with a variety of sociopolitical conditions at local, national and global scales, as well as a nuanced understanding of human power relations, current practices in politics, governance, research methods and data analysis, leadership, diplomacy, and conflict analysis.

## Political Science

### Minor

PSCI1001	Introduction to Political Science	3
PSCI2001	International Relations and World Politics	3
Choose three of the following: *		9
LEAD2012	Power and Leadership	
PSCI1030	Introduction to Political Theory	
PSCI2050	Political Communications	
PSCI2100	Comparative Politics and Government	
PSCI2150	American Constitutional Law	
PSCI2200	Race, Politics and Power in America	
PSCI3005	Political Ideologies and the 21st Century	
PSCI3050	American Politics, Policy and Institutions	
PSCI3100	Research Methods in Political Science	
PSCI3150	Ethics in Public Life	
PSCI3200	Women in American Political Life	
PSCI3250	Dynamics of Contemporary Diplomacy and Statecraft	
PSCI3300	Politics of Food, Human Security and Social Justice	
PSCI3350	Political Parties, Social Movements and Interest Groups	
PSCI3500	Special Topics in Political Science	
PSCI4100	Issues in Political Theory: The Politics of Human Rights in Global Perspective	
SCI3020	Sustainability Policy and Planning	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Postbaccalaureate Pre-Medical & Pre-Health Professions Program

The Postbaccalaureate Pre-Medical & Pre-Health Professions Program offers students who already have undergraduate degrees with the opportunity to take prerequisite courses for medical, nursing, dental, veterinary schools, and physician assistant, physical therapy, occupational therapy, or other graduate programs\*.

This program is designed for students who require all or some of the prerequisite courses for health-related schools and graduate programs. The duration of the program depends on a student's individual goals. The program consists of a minimum of 22 credits in health-related courses, with up to four transfer credits accepted from work completed at another institution. Additional credits may be required for application to specific target programs. Students who complete a minimum of 22 credit hours (with up to four transfer credits) receive a letter that acknowledges their completion of the program. Students who meet certain eligibility requirements (including requirements related to the minimum number of credits, the minimum GPA, and all course prerequisites for their target graduate program) receive a holistic academic evaluation, based on a transcript analysis and graduate program readiness evaluations completed by faculty members. Additional letters of recommendation may also be provided at the discretion of a student's instructors. All students enrolled in the program are provided the same one-on-one advising, tutoring, academic support, and professional mentoring that comes with a Johnson & Wales University education.

Upon completion of this program, graduates are expected to:

- Demonstrate readiness to pursue health-related graduate education.

\*Two semester organic chemistry courses that satisfy prerequisite requirements for medical, dental, veterinary and pharmacy school are only offered at the Providence Campus.

## NOTES:

The Postbaccalaureate Pre-Medical & Pre-Health Professions Program offers undergraduate college preparatory coursework. Students interested in financial aid for this program must complete the Free Application for Federal Student Aid (FAFSA) as a fifth-year undergraduate. Aid eligibility is limited to Federal Direct Student Loans for a single consecutive 12-month period over the student's lifetime. The majority of pre-medical and pre-health prerequisite courses are not currently offered at JWU during the summer semester. Students must enroll in at least six credit hours per semester to be considered for any financial aid. Only necessary prerequisite courses are aid-eligible; courses taken to improve GPA are ineligible. Students should reach out to their student financial planning counselor for additional information.

Students who do not need to complete the full program may take only the courses they need as extension students.

## Postbaccalaureate Pre-Medical & Pre-Health Professions

The Postbaccalaureate Pre-Medical & Pre-Health Professions Program is a 22 semester credit program.

General Requirements <sup>*,**</sup>		22
<b>Biology</b>		
BIO1011 & BIO1016	General Biology - Cellular and General Biology Laboratory - Cellular	
BIO1022 & BIO1026	General Biology - Organismal and General Biology Laboratory - Organismal	
BIO2001	Genetics	
BIO2003 & BIO2006	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory	
BIO2013 & BIO2016	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory	
BIO2041 & BIO2046	Human Physiology and Human Physiology Laboratory	
BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory	
BIO4070	Fundamentals of Immunology	
<b>Chemistry</b>		
CHM1011 & CHM1016	General Chemistry I and General Chemistry I Laboratory	
CHM1022 & CHM1026	General Chemistry II and General Chemistry II Laboratory	
CHM2011 & CHM2016	Organic Chemistry I and Organic Chemistry I Laboratory	

CHM2022 & CHM2026	Organic Chemistry II and Organic Chemistry II Laboratory
CHM2050 & CHM2056	Introduction to Organic Chemistry and Introduction to Organic Chemistry Laboratory
CHM3040 & CHM3046	Biochemistry and Biochemistry Laboratory
<b>Physics</b>	
PHY1011 & PHY1016	General Physics I and General Physics I Laboratory
PHY1022 & PHY1026	General Physics II and General Physics II Laboratory
Or	
PHY2011 & PHY2016	Physics I and Physics I Laboratory
PHY2022 & PHY2026	Physics II and Physics II Laboratory
<b>Math</b>	
MATH1040	Calculus I
MATH2010	Introduction to Biostatistics
MATH2040	Calculus II

- \* Students should check with the school(s) and programs of their choice to determine which courses they need to apply for admittance. Different schools may recommend additional work in biology, the behavioral sciences, research experience, or clinical experience.
- \*\* Students who complete a minimum of 22 credit hours (with up to four transfer credits) from the list above receive a letter that acknowledges their completion of the program. Students are required to maintain a 3.0 GPA to remain eligible for the program:

# Professional Communication - MINOR

The College of Arts & Sciences offers minors that enhance and strengthen the qualifications of graduates. They are intended to give students opportunities to develop expertise in an area that complements their major program. Real-world applications are embedded in the minors.

Having strong communication skills is essential for success in many fields of business and industry. Whether making decisions, analyzing performance, designing user-friendly systems or managing a project, effective communication of business and technical details is needed. This minor focuses on building written and oral communication, use of new media, collaboration and problem-solving skills as part of career education.

## Professional Communication

### Minor

ENG2010	Introduction to Technical Communication	3
or ENG2030	Newswriting	
ENG3010	Technical Editing	3
Choose three of the following: *		9
ADVC1021	Influencer Marketing	
ENG2010	Introduction to Technical Communication	
ENG2030	Newswriting	
ENG2401	Creative Writing	
ENG3016	Advanced Business Communication	
ENG3030	Food Writing	
ENG3050	Travel Writing	
ENG3130	Sports Writing	
ENG3150	Fashion Writing	
ENG3300	Literary Editing and Publishing	
GDES1000	Drawing for Design	
GDES3050	Basics of Graphic Design	
MCOM1070	Writing for Radio, Television and Film	
MCOM2400	Writing for Publication	
MCOM2450	Writing in Digital Media	
PRMG2010	Introduction to Project Management & Project Membership	
or PRMG3010	Intermediate Project Management Skills	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Psychology - B.S.

## Curriculum

The Psychology bachelor's degree program offers students the opportunity to learn about and understand the complex relationships between human behavior and the world in which we live. This program also emphasizes awareness, understanding and appreciation for diversity, culture and global perspectives. This degree program incorporates career-related knowledge, skills and abilities, as well as opportunities for experiential learning, that prepare graduates for lifelong learning and professional success.

Upon completion of the program, graduates are expected to:

- Apply key concepts, theories and research findings in the discipline of psychology to understand, explain and evaluate human behavior.
- Use creative and critical thinking to evaluate, interpret, design and conduct basic psychological research in accordance with ethical principles of the field.
- Integrate ethical practice, sociocultural factors and diversity considerations when addressing the needs of individuals in complex multicultural environments.
- Demonstrate written, oral and interpersonal communication skills required of psychology professionals.
- Articulate a plan to establish a professional identity, and to pursue professional development in the field of psychology.

Upon completion of the Counseling specialization (offered at the Providence and Charlotte campuses), graduates are expected to:

- Demonstrate effective counseling skills/techniques within a supervised clinical setting and explain the roles and functions of human service agencies within the community.

Graduates of the program are expected to demonstrate knowledge of the ways in which psychological theories explain human behavior, professional and ethical practices, social and cultural diversity, and psychological research methods. Graduates are prepared to enter graduate school in a variety of psychology disciplines (e.g., counseling, clinical, industrial/organizational), or immediately enter the workforce in fields such as human resources, public affairs, business and the helping professions.

## Psychology

A four-year program leading to the bachelor of science degree

### Major Courses

PSYC1001	Introductory Psychology	3
PSYC1020	Introduction to Professional Issues and Ethics in Psychology	3
PSYC2002	Abnormal Psychology	3
PSYC2030	Developmental Psychology	3
PSYC3001	Social Psychology	3
PSYC3010	Personality	3
PSYC3040	Introduction to Neuropsychology and Psychopharmacology	3
PSYC4200	Cultural Psychology	3
RSCH2050 or RSCH3020	Workshop in Acquiring Social Research Skills Honors Research Methods	3
RSCH4050	Research Seminar in Psychology	3

### Applied/Experiential Learning & Major Electives or Specialization in Counseling Psychology

Choose 6 credits from the following: *		6
ASCI4799	College of Arts & Sciences Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
RSCH3830	Undergraduate Research Experience	
RSCH4020	Honors Directed Academic Experience	
Study Abroad <sup>5a</sup>		
Choose six of the following (No more than two SOC-designated courses): **		18
CJS2050	Criminology	
CSLG2030	Counseling Theories and Techniques	
CSLG2040	Introduction to Career and School Counseling	
CSLG2110	Introduction to Family Treatment for Addictions Counselors	
CSLG3001	Introduction to Case Management	
CSLG3005	Introduction to Crisis Intervention	
CSLG3010	Principles of Group Counseling	
CSLG3040	Counseling Techniques for Addictions and Other Behavioral Disorders	

CSLG3050	Introduction to Marriage and Family Therapy
PSYC2015	Human Sexuality
PSYC2020	Industrial/Organizational Psychology
PSYC2040	Psychological Issues of Substance Use Disorders and Compulsive Behaviors
PSYC2100	Health Psychology
PSYC3200	Cognitive Psychology
PSYC3350	Psychology of Motivation and Leadership in the Workplace
PSYC3420	Criminalization of Mental Illness
PSYC4150	Psychology of Conflict Resolution
SOC2035	Sociology of Aging
SOC3060	Deviant Behavior

Or

Specialization in Counseling Psychology (24 credits)	
CSLG2030	Counseling Theories and Techniques
CSLG3001	Introduction to Case Management
CSLG3005	Introduction to Crisis Intervention
CSLG3010	Principles of Group Counseling
CSLG4099	Internship in Counseling Psychology (6 credits)
Choose two of the following:	
CSLG2040	Introduction to Career and School Counseling
CSLG2110	Introduction to Family Treatment for Addictions Counselors
CSLG3040	Counseling Techniques for Addictions and Other Behavioral Disorders
CSLG3050	Introduction to Marriage and Family Therapy

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL, or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001 or MATH2010	Statistics I Introduction to Biostatistics	
Science		3
Choose one of the following:		
SCI1015	Introduction to Life Science	
SCI1050	Nutrition	
SCI2031	Anatomy and Physiology	
Social Sciences		6
SOC1001 or SOC2005	Sociology I Honors Seminar: Social Inequalities	
One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC or RES		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Electives #</b>		
24 credits selected from 1000-4999 numbered offerings within the university		24
<b>Total Credits</b>		<b>122.0</b>

\* In lieu of an internship, directed experiential education, research course, or study abroad, students may use the Applied/Experiential Learning credits towards a minor.

\*\* Students are responsible for meeting prerequisites.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### Combined Degrees Programs

- Combined Degrees: Psychology B.S./Addiction Counseling M.S. (p. 39)
- Combined Degrees: Psychology B.S./Clinical Mental Health Counseling M.S. (p. 41)
- Combined Degrees: Psychology B.S./Public Health M.P.H. (p. 43)

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only.

Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Psychology - MINOR

A Psychology minor offers non-psychology students the opportunity to learn about and understand the complex relationships between human behavior and the world in which we live, expanding their knowledge of their own fields through a deeper understanding of psychological processes.

### Psychology

#### Minor

PSYC1001	Introductory Psychology	3
PSYC2002	Abnormal Psychology	3
PSYC2030	Developmental Psychology	3
Choose two of the following: *		6
PSYC2015	Human Sexuality	
PSYC2020	Industrial/Organizational Psychology	
PSYC2040	Psychological Issues of Substance Use Disorders and Compulsive Behaviors	
PSYC2100	Health Psychology	
PSYC3001	Social Psychology	
PSYC3010	Personality	
PSYC3040	Introduction to Neuropsychology and Psychopharmacology	
PSYC3100	Community Psychology	
PSYC3200	Cognitive Psychology	
PSYC3350	Psychology of Motivation and Leadership in the Workplace	
PSYC3420	Criminalization of Mental Illness	
PSYC4150	Psychology of Conflict Resolution	
PSYC4200	Cultural Psychology	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Race and Ethnicity Studies - MINOR

The Race and Ethnicity Studies minor provides students of all majors the opportunity for in-depth exploration of the meanings, significance and interdependence of race and ethnicity in the United States. Students benefit from interdisciplinary course choices in order to make connections and facilitate understanding of race and ethnicity in the U.S.

## Race and Ethnicity Studies

### Minor

RES1010	Introduction to Race and Ethnicity in the United States	3
Choose four of the following:*		12
HIST3020	A Multicultural History of America	
HIST3400	African American History	
LIT2030	African-American Literature	
LIT2090	Multi-Ethnic Literature	
MCOM3050	Media Identities	
MCOM3300	Hip-Hop Culture	
PSCI2200	Race, Politics and Power in America	
SOC2005	Honors Seminar: Social Inequalities	
SOC3100	Sociology of Race and Ethnicity	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Teaching and Learning - M.Ed.

The Teaching and Learning Master of Education degree program at Johnson & Wales University is a two-year graduate course of study designed to develop master teachers. The program affords practicing teachers an opportunity to use their classrooms as learning laboratories to improve their teaching skills.

The program is designed as a cohort model, which means that students move together as a professional learning community, fostering a team approach to studying and solving educational problems through the required sequence of courses.

Participants in the program examine teaching and learning through eight comprehensive courses and the completion of a capstone project. Throughout the program, the emphasis is on the integration of theory, research and application. Key program features include:

- Problem-based learning – learning experiences that include authentic problems and issues from PK–16 classrooms and schools
- Applied research – a direct application of theory through the role of teacher as a researcher
- Collaborative learning – the development of a community of learners where participants and faculty support and enhance learning
- Technology integration – the incorporation of information technology tools throughout the program
- Experiential learning – university-based learning applied immediately in each participant's own classroom setting, tying together new learning, research-based best practices, and ongoing reflection in an effort to improve the learning of his/her current students

## Conceptual Framework

The M.Ed. teacher candidate outcomes are designed to develop habits of reflection, responsiveness and persistence to relentlessly focus on student access, learning needs, well-being and achievement.

Upon completion of the program, graduates are expected to:

- Demonstrate a deep knowledge of teaching and learning.
- Deliver effective instructional strategies that engage, motivate and focus students, and use multiple methods to monitor student learning.
- Continuously examine and adjust teaching practices to improve student learning and build a repertoire of teaching skills.
- Respond to students' diverse developmental and social contexts and ensure access to high quality teaching and learning.
- Lead and actively build partnerships with colleagues, parents and community groups to work on instruction, policy and curriculum.

## Program Requirements

Although degree candidates in the program are expected to complete the entire sequence of courses, individuals are able to take a single course for graduate credit prior to making the decision to enroll in the full program. To take more than one course, enrollment in the program is required. Successful candidates in this program are expected to work collaboratively with others, applying theory and knowledge gained through the program to develop their expertise in the area of teaching and learning. The program requires the following:

- Successful completion of eight classes
- Successful completion of a capstone project
- Compliance with all Johnson & Wales University policies

## Teaching and Learning

Master of Education

### Core Courses

EDUC5315	Exploration of Teaching and Learning	4.5
EDUC5335	Culturally Responsive Teaching	4.5
EDUC5355	Standards and Curriculum Development	4.5
EDUC5375	Instructional Strategies and Resources	4.5
EDUC6315	Assessment and Evaluation in Education	4.5
EDUC6335	Embedding Formative Assessment in Teaching Practices	4.5
EDUC6355	Supporting Learners in a Challenging World	4.5
EDUC6375	Teaching: A Call to Action	4.5

**Total Credits** **36.0**



# University Explorations Program

## Curriculum

The University Explorations Program allows students who want to explore the educational paths that Johnson & Wales offers to pursue a program of general studies as well as introductory courses in areas of interest during their first two semesters. With the help of a faculty adviser, students choose a major by the end of the first year, in any of the colleges at Johnson & Wales. Students who begin their studies in the University Explorations Program may be eligible to earn a bachelor's degree at the end of four years of study.

## University Explorations Program

### Explorations Courses

FYS1010	First-Year Seminar - University Explorations	1
Choose up to six credits from the following:		6
BUS1001	Introduction to Business and Management	
CJS1002	Introduction to Criminal Justice	
CSIS1000	Problem Solving and Programming Concepts	
CULN1010	An Introduction to the Fields of Food, Food Service and Nutrition	
CULS2010	Introduction to Food Product Development	
ECON1001	Macroeconomics	
ENTR2001	Introduction to Entrepreneurship	
GDES1020	Design Theory and Practice	
HSC1010	Introduction to Health Professions	
HOSP1001	Orientation to the Hospitality Industry	
MCOM1005	Introduction to Media & Communication	
PSCI1001	Introduction to Political Science	
PSYC1001	Introductory Psychology	
SCI1010	Environmental Science	
SCI1050	Nutrition	
SEE1001	Introduction to the Sports, Entertainment and Event Management Industry	
SFS1001	Introduction to Food Systems	
SOC1001	Sociology I	
Choose six additional credits in consultation with a University Explorations adviser.		6
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Mathematics		3
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
Choose two other courses from A&S Core Experience		6
<b>Total Credits</b>		<b>31.0</b>

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics,

science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# College of Business

## Undergraduate

- **Bachelor of Science (B.S.) Degree**
  - Accounting (p. 85)
  - Business Studies (p. 92)
  - Cannabis Entrepreneurship (p. 94)
  - Digital Marketing & Social Media (p. 143)
  - Fashion Merchandising & Retailing (p. 101)
  - Finance (p. 103)
  - Food & Beverage Entrepreneurship (p. 166)
  - Healthcare Administration (p. 106)
  - Marketing & Advertising (p. 111)
- **Bachelor of Science in Business Administration (B.S.B.A.) Degree**
  - Business Administration (p. 89)
  - Entrepreneurship (p. 98)
  - Human Resource Management (p. 108)
  - Operations and Supply Chain Management (p. 127)
- **Combined Degrees**
  - Combined Degrees: Business Administration B.S.B.A./MBA (p. 96)
- **Minor**
  - Accounting (p. 87)
  - Advertising (p. 88)
  - Entrepreneurship (p. 100)
  - Finance (p. 105)
  - Human Resource Management (p. 110)
  - Marketing (p. 113)
- **Programs for Undecided Students (track into bachelor's degree program)**
  - Business Explorations (p. 91)
- **Non-Degree**
  - Pre-Master's Program for Business Degree Holders (p. 129)
  - Pre-Master's Program for Non-Business Degree Holders (p. 130)

## Graduate

- **Master of Business Administration (MBA)**
  - MBA (p. 114)
  - MBA - Accounting Concentration (p. 115)
  - MBA - Data Analytics Concentration (p. 116)
  - MBA - Event Leadership Concentration (p. 117)
  - MBA - Finance Concentration (p. 118)
  - MBA - Hospitality Concentration (p. 119)
  - MBA - Human Resource Management Concentration (p. 120)
  - MBA - Marketing Concentration (p. 121)
  - MBA - Operations and Supply Chain Management Concentration (p. 122)
  - MBA - Organizational Leadership Concentration (p. 123)
  - MBA - Organizational Psychology Concentration (p. 124)
  - MBA - Sport Leadership Concentration (p. 126)
  - MBA One Year Program (p. 125)

# Accounting - B.S.

## Curriculum

The Accounting bachelor's degree program prepares students for the wide range of career opportunities available to accounting professionals. Students in the program receive a solid foundation in accounting theory and practice as well as in the areas of business, communication and general studies.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the accounting profession.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods required in the field of accounting.
- Use decision-support tools to solve problems and facilitate organizational processes.
- Identify, analyze and resolve ethical issues related to accounting decisions.
- Identify and analyze global business issues and transactions and apply the appropriate accounting technical skills necessary to address issues and record transactions.

Students completing the program are well positioned for entry-level opportunities in public accounting firms and similarly challenging opportunities in private, governmental and nonprofit organizations. Positions include staff accountants, cost accountants, tax accountants and auditors.

Students wishing to satisfy the 150 Hours of College Education requirement, now required in many states before being allowed to take the Uniform Certified Public Accountants Examination, may achieve this objective and at the same time earn a master's degree by applying for acceptance to the university's MBA program at the end of their junior year. Acceptance will be granted provided the student receives the recommendation of two undergraduate faculty members, successfully completes an interview process, fulfills the requirements for the bachelor of science degree and meets the minimum GPA requirement. Students wishing to pursue CPA licensure can learn about specific licensure requirements.

To maximize the benefits of choosing electives, and because of different state requirements, students desiring to sit for the Uniform Certified Public Accountants examination are urged to contact their faculty advisor early in the program.

Students who maintain at least a 2.00 grade point average can apply for on-campus and off-campus internships. By participating in an internship, students receive professionally focused experience by performing accounting functions for various departments at the university or firms and organizations outside the university. These students can typically gain experience in such areas as accounts payable, accounts receivable, general ledger accounting, auditing, and income tax preparation. Additional options are also available for foreign travel through the study abroad program.

## Accounting

A four-year program leading to the bachelor of science degree

### Business Foundations

ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3

### Major Courses

ACCT2210	Intermediate Accounting Theory and Practice I	3
ACCT2220	Intermediate Accounting Theory and Practice II	3
ACCT3011	Federal Taxes I	3
ACCT3035	Cost Accounting	3
ACCT3050	Advanced Accounting	3
ACCT3060	Accounting Information Systems	3
ACCT4040	Auditing	3

### Major Electives

One ACCT or FISV-designated course at the 2000 level or higher	3	
<b>Applied/Experiential Learning</b>		
Choose 6 credits from the following:	6	
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>5a</sup>		
<b>Related Professional Studies</b>		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses	9	
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning	6	
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities	6	
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics	6	
MATH1035	Quantitative Analysis I (or higher, based on student's placement)*	
MATH2001	Statistics I	
Science	3	
One course from BIO, CHM, PHY or SCI		
Social Sciences	6	
ECON1002	Microeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives	6	
ECON1001	Macroeconomics	
One course with an EASC attribute		
<b>Free Electives<sup>#</sup></b>		
15 credits selected from 1000-4999 numbered offerings within the university	15	
<b>Total Credits</b>	<b>122.0</b>	

\* Students that do not place in MATH1035 Quantitative Analysis I, will need to take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this will count as an A&S elective.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

### Accelerated Program Options

#### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Accounting - MINOR

A minor in Accounting provides students with a solid foundation in accounting and gives students an advantage in obtaining and progressing in their chosen career fields. The curriculum focuses on communicating financial information to decision-makers. Students develop a strong understanding of the accounting principles, concepts, and the effect that the transactions of a business have on its success.

Our accounting courses help students develop essential analytical and critical thinking skills while building their knowledge of accounting.

## Accounting

### Minor

ACCT1210	Financial Accounting *	3
ACCT1220	Managerial Accounting	3
ACCT2210	Intermediate Accounting Theory and Practice I	3
ACCT2220	Intermediate Accounting Theory and Practice II	3
Choose one of the following:		3
ACCT2035	Accounting Software	
ACCT3011	Federal Taxes I	
ACCT3060	Accounting Information Systems	
ACCT4040	Auditing	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

## Advertising - MINOR

The Advertising Minor offers students a collaborative, hands-on, résumé-building experience in the exciting field of advertising. Students learn from a comprehensive process that begins with gathering consumer research and insights and leads to formation of “the big idea” and its creative execution. A minor in Advertising complements many of the current degree offerings and provides expanded career opportunities that result from working on advertising campaigns. Students build a portfolio of work to support their career ambitions in areas such as copywriting, media communications, campaign strategy and research.

### Advertising

#### Minor

ADVC1010	Marketing Communications *	3
ADVC2001	Content Creation and Generative AI	3
ADVC2011	Media Buying and Planning	3
Choose two of the following:		6
ADVC1021	Influencer Marketing	
ADVC4020	Personal Branding and Portfolio Seminar	
GDES3300	Design for Video I	
MRKT1002	Consumer Behavior	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Business Administration - B.S.B.A.

## Curriculum

The Business Administration Bachelor of Science in Business Administration (BSBA) degree program provides a balanced combination of required core courses to ensure students can achieve a solid business and general studies education, and electives to inspire students to customize their program to best fit their unique interests.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of business administration.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods within business administration.
- Use decision-support tools to resolve contemporary business issues using ethical business practices.
- Analyze the risks and opportunities of doing business in a global environment.

This program's business-related core builds a solid foundation by exposing students to relevant areas of accounting, economics, information technology, business law, finance, marketing and management. Arts and sciences courses also provide opportunities for students to acquire the skills important for professional success and lifelong personal and intellectual growth. Flexibility has been built into the program to allow students to explore a wide range of business courses and disciplines.

Students also tailor their degree by working with a faculty adviser to select 15 credits of electives. In doing so, students have the freedom to choose from extensive options to best suit their goals. For example, students can pursue internships, directed experiential education, and/or study abroad credits to prepare for a more specific career.

## Business Administration

A four-year program leading to the bachelor of science in business administration degree

Business Foundations		
ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3
Major Courses		
MGMT2020	Organizational Behavior	3
ENTR, IBUS, MGMT, RMGT	Two courses 2000 level or higher	6
ACCT, ADVC, ENTR, FISV, IBUS, MGMT, MRKT, RMGT, RTL	Three courses 3000 level or higher	9
ACCT, ADVC, ENTR, FISV, IBUS, MGMT, MRKT, RMGT, RTL	One course at the 4000 level	3
Applied/Experiential Learning		
Choose 9 credits from the following:		9
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>5a</sup>	
Related Professional Studies		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
A&S Core Experience		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6

MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1002	Microeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
One course with an EASC attribute		
Free Electives <sup>#</sup>		
15 credits selected from 1000-4999 numbered offerings within the university		15
Total Credits		122.0

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### Combined Degrees Program

- Combined Degrees: Business Administration B.S.B.A./MBA (p. 96)

## J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.



# Business Explorations

## Curriculum

Because some students understand their passion, but not how to channel it into a degree program, the Business Explorations option allows them to explore business courses and gain exposure to all aspects of business within their first year before choosing a major from a number of business programs. Students who begin their studies in the Business Explorations program may be eligible to earn a bachelor of science degree at the end of four years of study.

### Business Explorations

All students enrolled in the Business Explorations program pursue the following program of study for the first year. Students must declare a major no later than the second semester of study.

#### Major Courses

BUS1001	Introduction to Business and Management	3
FIT1040	Spreadsheet Design for Business Solutions	3
MGMT2001	Human Resource Management	3
MGMT2020	Organizational Behavior	3
MRKT1001	Marketing Foundations	3

#### Related Professional Studies

FYS1020	First-Year Seminar	1
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#### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Mathematics		3
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
Science		3
One course from BIO, CHM, PHY or SCI		

**Total Credits** **31.0**

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Business Studies - B.S.

## Curriculum

The Business Studies bachelor's degree program offers a general business education to individuals already holding an associate degree or equivalent in any field. Earning the bachelor's degree will generally require two additional years of study.

The program's curriculum builds on the College of Business core courses to establish a broad overview of traditional business areas including management, accounting, marketing and operations. Students also take courses through the College of Arts & Sciences to help ensure they acquire skills important for professional success and lifelong personal and intellectual growth.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of business administration.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods within business administration.
- Use decision support tools to resolve contemporary business issues using ethical business practices.

The general business competencies and skills gained through this program are designed to complement the candidate's associate degree education.

## Business Studies

A four-year program leading to the bachelor of science degree for graduates of two-year associate degree programs or equivalent

First two years: 60-63

Associate degree or equivalent. Students must meet program's general education requirements listed below.

OR

in Baking & Pastry Arts

OR

in Culinary Arts

Third and fourth years:

### Business Foundations

ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
CAR0010	Career Management	1
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3

### Major Courses

MGMT2020	Organizational Behavior	3
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Choose one of the following:

MGMT3030	Managerial Technology	3
MGMT3040	Process and Quality Management	3

### A&S Core Experience

Integrative Learning	One ILS course at the 4000 level	3
Arts and Humanities	PHIL3240 Ethics: A Global Perspective One course from ART, HIST, HUM, LIT or REL	6
Mathematics	MATH2001 Statistics I	3
Social Sciences	ECON1002 Microeconomics One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC	6
A&S Electives	ECON1001 Macroeconomics	3

**Total Credits** **61.0**

**Four-Year Credit Total** **121.0-124.0**

\*\* General Education Requirements

All students are required to complete a science course i.e. PHY, BIO, CHM, SCI and MATH1002 A Survey of College Mathematics (or higher, based on student's placement) or its equivalent.

For students without an awarded Associate in Science degree from a regionally accredited institution, the following courses are required in order to meet minimum accreditation standards.

Transcripts for these students will be evaluated to determine transfer credit eligibility for the following courses:

ENG1020	Rhetoric & Composition I	3
ENG1021	Rhetoric & Composition II	3
ENG1030	Communication Skills	3
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	3
Science	One course from BIO, CHM, PHY or SCI	3
A&S Electives	Two courses with an EASC attribute	6

\*\* Students must complete 14 courses (at least 42 credits) of general studies within the BS degree.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

The Business Studies program is for transfer students only, a completed application, high school and/or college transcript(s) is required for admissions review.

Acceptance into this program allows students to enter at junior-year status.

To enter this program, students must have attained an associate degree or equivalent of 90 quarter credits in any program (60 semester credits). Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Cannabis Entrepreneurship - B.S.

## Curriculum

The Cannabis Entrepreneurship bachelor's degree program allows students the opportunity to study the burgeoning business of legal cannabis trade. Through the program's course of study, students are prepared to start their own business as well as work for small startup companies or established businesses, with a focus on the cannabis trade. Students learn about the industry from cultivation to end-user services and marketing segmentation.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of business administration.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods within business administration.
- Develop a viable business plan for entrepreneurial cannabis operations.
- Use critical thinking to address issues faced by entrepreneurs engaged in the cannabis industry.
- Apply ethical business practices as they apply to entrepreneurial cannabis operations.

## Cannabis Entrepreneurship

A four-year program leading to the bachelor of science degree

### Business Foundations

ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3

### Major Courses

BIO2510	Plant Cultivation I: Soil, Soil Substitutes, and Disease Management	3
BIO2516	Plant Cultivation I: Soil, Soil Substitutes, and Disease Management Laboratory	1
BIO3510	Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction	3
BIO3516	Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction Laboratory	1
BIO4510	Applications of Plants & Fungi	3
BIO4516	Applications of Plants & Fungi Laboratory	1
CHM1000	Foundations in Chemistry	3
CHM1006	Foundations in Chemistry Laboratory	1
ENTR2005	Introduction to Cannabis Entrepreneurship	3
ENTR2030	Pitching & Planning New Ventures	3
ENTR3025	Growth and Sustainability for Small Business	3
or ENTR3030	Marketing for Entrepreneurs	
ENTR3120	Small Business Management — Cannabis Operations	3
ENTR4055	Entrepreneurship Seminar	3
LAW3610	Cannabis Law	3
MGMT2020	Organizational Behavior	3

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		4

BIO1022	General Biology - Organismal	
BIO1026	General Biology Laboratory - Organismal	
Social Sciences		6
ECON1002	Microeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
PSYC1001	Introductory Psychology	
Free Electives #		
9 credits selected from 1000-4999 numbered offerings within the university		9
<b>Total Credits</b>		<b>124.0</b>

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. The Cannabis Entrepreneurship program requires students to have successfully completed Chemistry or higher level science. Students who apply for admission and do not meet the requirements will be reviewed for admission into the Entrepreneurship program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all

requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

**Eligibility Criteria:**

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Combined Degrees: Business Administration B.S.B.A./MBA

## Curriculum

The College of Business offers students an opportunity to earn both their undergraduate and graduate degrees through a combined B.S.B.A./MBA program. This program enables qualified students to earn, in a continuous plan of study, both a Bachelor of Science in Business Administration and a Master in Business Administration in four years. Upon entering the Master of Business Administration program, students may also opt to select a concentration, provided all prerequisites have been met.

### Requirements

Eligible high school students who would like to pursue the Combined Degrees: Business Administration B.S.B.A./MBA program should apply directly for the program at the time of admission to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Business Administration B.S.B.A./MBA program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application.

### Business Administration

A four-year program leading to the bachelor of science in business administration degree

#### Business Foundations

ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3

#### Major Courses

ENR, IBUS, MGMT, RMGT	Two courses 2000 level or higher	6
ACCT, ADV, ENR, FISV, IBUS, MGMT, MRKT, RMGT, RTL	Three courses 3000 level or higher	9
ACCT, ADV, ENR, FISV, IBUS, MGMT, MRKT, RMGT, RTL	One course at the 4000 level	3
MGMT2020	Organizational Behavior	3

#### Applied/Experiential Learning

Choose 9 credits from the following:		9
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>5a</sup>		

#### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

#### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1002	Microeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
One course with an EASC attribute		

#### Free Electives<sup>#</sup>

3 credits	credits selected from 1000-4999 numbered offerings within the university	3
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#### Graduate Courses<sup>\*\*</sup>

FISV5600	Financial Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
RSCH5800	Evidence-Based Research in Management	3

<b>Total Credits</b>		<b>122.0</b>
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\*\* Students use 12 free elective credits for graduate-level courses in the Master of Business Administration during their 4th year.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

## Master of Business Administration

### Master of Business Administration

#### Core Courses

FISV5600	Financial Management <sup>†</sup>	3
FISV5720	Financial Reporting and Control	3
IBUS5511	Global Economic Environments	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership <sup>†</sup>	3
MGMT5900	Ethics, Corporate Social Responsibility and Law <sup>†</sup>	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management <sup>†</sup>	3

#### Elective Courses<sup>‡</sup>

Choose College of Business courses at the 5000 or higher level to fulfill the 9 credit elective requirement. Courses taken as foundation courses do not apply.

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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<b>Total Credits</b>		<b>36.0</b>
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<sup>†</sup> These graduate courses will fulfill the bachelor of science in business administration requirements in the 4th year. Please note: The bachelor of science in business administration is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.

<sup>‡</sup> Students may choose up to 6 credits of 5000-level or higher study abroad to satisfy elective courses.

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each

student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Entrepreneurship - B.S.B.A.

## Curriculum

The Entrepreneurship Bachelor of Science in Business Administration (BSBA) degree program allows students the opportunity to study the management of small businesses, start-ups and intrapreneurship. Through the program's course of study, students are prepared to start their own business as well as work for small businesses and start-up companies. Students also learn about intrapreneurship and how to lead change within organizations.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of business administration.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods within business administration.
- Use decision-support tools to resolve contemporary business issues using ethical business practices.
- Identify the types of capital funding sources for start-up and existing businesses.
- Develop a viable business plan.

## Entrepreneurship

A four-year program leading to the bachelor of science in business administration degree

Business Foundations		
ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3
Major Courses		
ENTR2001	Introduction to Entrepreneurship	3
ENTR2030	Pitching & Planning New Ventures	3
ENTR3030	Marketing for Entrepreneurs	3
ENTR4010	Change and Innovation Management	3
ENTR4055	Entrepreneurship Seminar	3
MGMT2020	Organizational Behavior	3
Major Electives		
Choose one of the following: 3		
ENTR3015	Small Business Management	
ENTR3025	Growth and Sustainability for Small Business	
ENTR3060	Financing New Ventures	
Applied/Experiential Learning		
Choose 9 credits from the following: 9		
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>Sa</sup>		
Related Professional Studies		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
A&S Core Experience		
Communications Foundation Courses 9		
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning 6		
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities 6		
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics 6		
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science 3		
One course from BIO, CHM, PHY or SCI		
Social Sciences 6		

ECON1002	Microeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
One course with an EASC attribute		
<b>Free Electives #</b>		
15 credits selected from 1000-4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>122.0</b>

<sup>1c</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).



The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

**Eligibility Criteria:**

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Entrepreneurship - MINOR

The Entrepreneurship minor provides students with the essential skills and knowledge to pursue a new business venture. This curriculum is designed to complement a student's primary field of study by offering a comprehensive introduction to the principles of entrepreneurship. Through this minor, students gain insights into the art of launching and managing small businesses and start-ups. Furthermore, students explore the process of taking a business idea from its inception as a fledgling concept to its development into a more mature enterprise. This minor offers a valuable foundation for those looking to infuse an entrepreneurial mindset into their chosen field.

### Entrepreneurship

#### Minor

ENTR2001	Introduction to Entrepreneurship	3
ENTR2030	Pitching & Planning New Ventures	3
ENTR3015	Small Business Management	3
ENTR3030	Marketing for Entrepreneurs	3
ENTR3060	Financing New Ventures	3
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Fashion Merchandising & Retailing - B.S.

## Curriculum

The Fashion Merchandising & Retailing bachelor's degree program prepares students for fashion and retail careers in areas such as retail sales management, fashion showroom management, executive store management, merchandise buying, visual merchandising, fashion marketing, fashion forecasting, fashion blogging, fashion promotion, and textile development.

Upon completion of the program, graduates are expected to:

- Apply the major concepts and skills related to the global fashion industry.
- Communicate effectively for diverse audiences, purposes and situations through a variety of professional methods as required in fashion and retailing industries.
- Use industry resources to address contemporary issues in global fashion.
- Apply profitability and analytical competencies necessary for careers in fashion merchandising and retailing.
- Develop targeted forecasts of the production and acquisition of consumer goods consistent with ethical business practices.

Students may increase their skills learned in this degree program by utilizing such opportunities as directed experiential education, internships, or study abroad programs. These programs are tailored based on the student's learning, interests and professional goals. Students are encouraged to network with industry professionals and explore career opportunities during industry site visits.

The Fashion Merchandising & Retailing degree program at the Providence and Charlotte campuses offers two specializations: Merchandise Buying and Fashion Marketing & Visual Merchandising.

The Merchandise Buying specialization (15 credits) is geared towards students interested in the strategic analytical side of the fashion business. It is designed to align with industry standards and complements the student's degree by developing expertise in the areas of merchandise allocation, buying, analysis and/or product development.

Upon completion of the Merchandise Buying specialization (offered at the Providence and Charlotte campuses), students are expected to:

- Apply merchandising competencies necessary for careers in product allocation and retail buying.

The Fashion Marketing & Visual Merchandising specialization (15 Credits) is designed for students considering a career in the creative side of merchandising. The specialization complements the student's degree by developing expertise in the areas of public relations, visual merchandising, fashion promotion, social media marketing, and brand communications.

Upon completion of the Fashion Marketing & Visual Merchandising specialization (offered at the Providence and Charlotte campuses), students are expected to:

- Apply visual design competencies required for creative careers in visual merchandising and fashion marketing.

## Fashion Merchandising & Retailing

A four-year program leading to the bachelor of science degree

Business Foundations		
ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3
Major Courses		
RTL1015	Introduction to Retail and Fashion	3
RTL2008	The Textiles Industry	3
RTL2122	Retail and Fashion Lab	4
RTL3065	Forecasting	3
RTL3240	Retail Math	3

RTL4050	Strategic Planning in the Fashion Industry	3
Major Electives		
One RTL-designated course at the 2000 level or higher		3
Applied/Experiential Learning		
Choose 9 credits from the following:		9
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>5a</sup>		
Related Professional Studies		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
A&S Core Experience		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1002	Microeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
ENG3150	Fashion Writing	
Free Electives <sup>#</sup>		
15 credits selected from 1000-4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>123.0</b>
Merchandise Buying Specialization		15
MRKT1002	Consumer Behavior	
RTL2010	Apparel Quality Analysis	
RTL3010	Merchandise Buying	
Choose two of the following:		
DMSM2050	Spreadsheets for Data Analysis	
MRKT3020	Product Development	
RTL2005	Global Sourcing	
RTL3212	Sustainability in the Fashion Industry	
Fashion Marketing & Visual Merchandising Specialization		15
ADVC1010	Marketing Communications	
MRKT3045	Social and Digital Media Marketing	
RTL3350	Visual Merchandising	
Choose two of the following:		
GDES3050	Basics of Graphic Design	
MRKT3020	Product Development	
RTL2050	Fashion Promotion	
RTL3055	History of Fashion	
RTL3075	Textile Design for Apparel and Home Furnishings	

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Finance - B.S.

## Curriculum

The Finance bachelor's degree program prepares students for the wide range of career opportunities available to finance professionals. Students in the program receive a solid foundation in financial statement interpretation and decision making, as well as in the areas of business, communications and general studies.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the finance profession.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods required in the field of finance.
- Use decision-support tools to solve problems and facilitate organizational processes.
- Identify and analyze ethical issues related to financial decisions and recommend ethical responses and solutions.
- Utilizing critical thinking and decision-making skills, apply common finance theories and concepts to changing global financial issues.

The finance curriculum is designed to meet the needs of some of the most prestigious industry certifications. As finance majors, students gain exposure to a broad range of financial practices with studies focusing on areas leading to positions in investment analysis, corporate finance, risk management and financial planning.

Students who maintain at least a 2.00 grade point average can apply for on-campus and off-campus finance internships to gain experiential education by completing a work experience in their area of interest. These students typically gain experience in such areas as banking, financial planning, financial analysis, and portfolio management. Additional options are also available for foreign travel through the study abroad program.

## Finance

A four-year program leading to the bachelor of science degree

Business Foundations		
ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3
Major Courses		
ACCT2210	Intermediate Accounting Theory and Practice I	3
FISV2140	Financial Markets and Institutions	3
FISV3001	Investments	3
FISV3005	International Finance	3
FISV3199	Experiential Education Projects in Financial Modeling and Valuation	3
FISV4025	Corporate Finance	3
FISV4080	Finance Seminar	3
Major Electives		
One ACCT or FISV-designated course at the 2000 level or higher		3
Applied/Experiential Learning		
Choose 6 credits from the following:		6
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>Sa</sup>	
Related Professional Studies		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
A&S Core Experience		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		

Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1035	Quantitative Analysis I (or higher, based on student's placement) <sup>*</sup>	
MATH2001	Statistics I	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1002	Microeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
One course with an EASC attribute		
Free Electives <sup>#</sup>		
15 credits selected from 1000-4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>122.0</b>

\* Students that do not place in MATH1035 Quantitative Analysis I, will need to take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this will count as an A&S elective.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

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# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

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student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

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## Accelerated Program Options

### J2 Program

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### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

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Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Finance - MINOR

Since finance is an essential part of every successful business enterprise, a high-impact, experiential-based Finance minor gives students significant business experience from their first day of classes. Our finance courses are intentionally designed to help students develop essential analytical and critical thinking skills while building their knowledge about finance. The demand for job candidates with strong analytical skills and finance knowledge is increasing worldwide. Students who declare this minor are more marketable upon graduation and set themselves apart from other job applicants.

### Finance

#### Minor

ACCT2210	Intermediate Accounting Theory and Practice I *	3
FISV2000	Finance *	3
FISV3001	Investments	3
FISV3080	Financial Statement Analysis	3
Choose one of the following: *		3
FISV3005	International Finance	
FISV3199	Experiential Education Projects in Financial Modeling and Valuation	
FISV4020	Risk Management and Insurance	
FISV4025	Corporate Finance	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Healthcare Administration - B.S.

## Curriculum

The Healthcare Administration bachelor's degree program prepares graduates for entry-level careers in hospital and nursing home administration, quality improvement, health marketing and communication, health program management, health consulting, and health policy at both the state and federal levels. This program is a joint degree between the College of Health & Wellness and the College of Business. Students in this program focus on data-driven solutions in healthcare administration. The program also prepares students who are interested in entry into graduate programs such as health policy and management, public health, and other areas of business.

Students in this program engage in a systems thinking approach and engage in coursework that focuses on the innovation of policy, financing, and delivery in healthcare systems by utilizing courses focused on data analytics. The curriculum has a strong foundation in public health principles along with additional coursework in economics, accounting, and research methods. This B.S. degree program in Healthcare Administration exposes students to coursework across all colleges at the university, providing for a comprehensive skillset that can be implemented when working to improve healthcare for the population.

Upon completion of the program, graduates are expected to:

- Describe the legal and ethical principles of healthcare organizations that apply to individual patient and community healthcare needs.
- Evaluate the major components of healthcare system financing and delivery of the U.S. Healthcare System.
- Analyze quantitative and qualitative data to develop policy and implement effective healthcare decision-making.
- Integrate cultural competency and sensitivity in the organization and delivery of healthcare services.

## Healthcare Administration

A four-year program leading to the bachelor of science degree

### Major Courses

HSC1010	Introduction to Health Professions	1
HSC1230	Introduction to Public Health	3
HSC2310	Introduction to Healthcare in the United States	3
HSC2330	Healthcare Organizational Theory and Management	3
HSC2400	Research Methods for Health Science	3
HSC3300	Comparative Healthcare Systems	3
HSC3410	Quality Improvement in Healthcare Organizations	3
HSC3430	Healthcare Research Ethics	3
HSC4100	Health Policy, Ethics and the Law	3
HSC4310	Innovations in Healthcare Finance and Delivery Systems	3
HSC4900	Data and Evidence in Health: Research Capstone	3

### Applied/Experiential Learning

Choose 6 credits from the following:		6
CHW4799	College of Health & Wellness Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>5a</sup>	

### Related Professional Studies

ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
CAR0010	Career Management	1
DMSM2025	Introduction to Data Visualization	3
DMSM2050	Spreadsheets for Data Analysis	3
ECON1001	Macroeconomics	3
ECON1002	Microeconomics	3
ECON3030	Managerial Economics	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
FYS1020	First-Year Seminar	1
MRKT1001	Marketing Foundations	3

### A&S Core Experience

Communication Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts & Humanities		6

PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2010	Introduction to Biostatistics	
Science		3
SCI1050	Nutrition	
Social Sciences		6
PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Electives #</b>		
12 credits selected from 1000-4999 numbered offerings within the university		12
<b>Total Credits</b>		<b>123.0</b>

<sup>1c</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

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Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.



## Accelerated Program Options

### Combined Degrees Program

- Combined Degrees: Healthcare Administration B.S./Public Health M.P.H. (p. 175)

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

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Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
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Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Human Resource Management - B.S.B.A.

## Curriculum

The Human Resource Management Bachelor of Science in Business Administration (BSBA) degree program prepares students for careers in a variety of managerial and professional positions within the human resource profession. Graduates are prepared for entry- and mid-level positions and advanced coursework in human resource management or business administration.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of business administration.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods within business administration.
- Use decision-support tools to resolve contemporary business issues using ethical business practices.
- Differentiate the functional areas of Human Resource Management at both the strategic and operational level.
- Develop sound Human Resource Management theory addressing diversity management, ethical management and the impact of global forces.

The program was designed with industry-relevant guidelines as determined by both the Society for Human Resource Management (SHRM) and the Human Resource Certification Institute (HRCI).

## Human Resource Management

A four-year program leading to a bachelor of science in business administration degree

### Business Foundations

ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3

### Major Courses

MGMT2020	Organizational Behavior	3
MGMT3005	Workforce Planning and Deployment	3
MGMT3015	Labor Relations	3
MGMT3050	Compensation, Benefits and Total Rewards	3
MGMT3060	Training and Development	3
MGMT4140	Human Resource Management Seminar	3
RMGT2001	Enterprise Risk Management	3
or MGMT3030	Managerial Technology	

### Applied/Experiential Learning

Choose 9 credits from the following:		9
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>Sa</sup>		

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3

One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1002	Microeconomics	
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15 credits selected from 1000-4999 numbered offerings within the university		15
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For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student

may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

**Eligibility Criteria:**

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Human Resource Management - MINOR

Students may declare a minor in Human Resource Management. Courses prepare students for careers within the field and align with industry standards. A minor in Human Resource Management complements many of the current degree offerings and provides expanded career opportunities. Some examples of degrees which could benefit from a minor in Human Resource Management are Business Administration, Entrepreneurship, International Business and Management.

## Human Resource Management

### Minor

MGMT2001	Human Resource Management	3
Choose four of the following: *		12
MGMT3005	Workforce Planning and Deployment	
MGMT3015	Labor Relations	
MGMT3050	Compensation, Benefits and Total Rewards	
MGMT3060	Training and Development	
MGMT4140	Human Resource Management Seminar	
RMGT2001	Enterprise Risk Management	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Marketing & Advertising - B.S.

## Curriculum

The Marketing & Advertising bachelor's degree program prepares students for careers in a variety of managerial and professional positions in the marketing and advertising industry. Students learn general brand marketing concepts and various functional specialties in fields such as advertising campaigns, digital marketing, market research and creative strategy. As part of the program, students are offered the opportunity to develop expertise in content creation, marketing analytics, consumer behavior, integrated marketing communications, brand marketing, professional selling, international marketing, and marketing technologies such as data-driven marketing, digital media planning and search engine marketing.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of marketing and advertising in business situations.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods required in the marketing industry.
- Use decision-support tools to resolve contemporary business issues using ethical business practices.
- Analyze research and use critical thinking to identify and recommend appropriate solutions for client/brand marketing challenges.
- Develop branding and marketing strategies that are ethically sound and align with business objectives for local, national and global brands.

Students have the opportunity to hone these skills while participating in a semester-long internship experience at a university-approved internship site. Students may also apply these skills in programs such as directed experiential education or study abroad. These programs are tailored based on student learning, interests, and professional goals. Additionally, students may choose to use an additional six credits from their free electives based on advising and pre-planning.

## Marketing & Advertising

A four-year program leading to the bachelor of science degree

### Business Foundations

ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3

### Major Courses

ADVC1010	Marketing Communications	3
ADVC4020	Personal Branding and Portfolio Seminar	3
MRKT2050	Market Research and Consumer Insights	3
MRKT3033	Brand Marketing and Analytics	3
MRKT3045	Social and Digital Media Marketing	3
MRKT4055	Global Strategic Marketing and Advertising	3

### Major Electives

Choose two of the following:		
ADVC1021	Influencer Marketing	6
ADVC2001	Content Creation and Generative AI	
ADVC2011	Media Buying and Planning	
ADVC4050	Integrated Search Engine Marketing Campaigns	
MRKT1002	Consumer Behavior	
MRKT3050	Contemporary Sales in the Global Economy	
MRKT3085	Marketing Analytics	

### Applied/Experiential Learning

Choose 6 credits from the following:		
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>5a</sup>	

### Related Professional Studies

CAR0010	Career Management	1
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FYS1020	First-Year Seminar	1
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		
ENG1020	Rhetoric & Composition I	9
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		
PHIL3240	Ethics: A Global Perspective	6
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	6
MATH2001	Statistics I	
Science		
One course from BIO, CHM, PHY or SCI		
Social Sciences		
ECON1002	Microeconomics	6
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		
ECON1001	Macroeconomics	6
Choose one of the following:		
ENG3016	Advanced Business Communication	
ENG3030	Food Writing	
ENG3150	Fashion Writing	
MCOM1210	Foundations of Digital Photography	
MCOM2010	Media Industries	
MCOM2550	Introduction to Multimedia Storytelling	
<b>Free Electives<sup>#</sup></b>		
15 credits selected from 1000-4999 numbered offerings within the university		
<b>Total Credits</b> 122.0		

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup>In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a

student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Marketing - MINOR

The Marketing Minor provides students with an understanding of how successful organizations create and communicate value throughout the customer experience. A minor in Marketing complements many of the current degree offerings and provides expanded career opportunities. Some examples of degrees which could benefit from a minor in Marketing include Data Analytics, Entrepreneurship, Graphic Design, Hospitality Management, and Media & Communication Studies.

### Marketing

#### Minor

ADVC1010	Marketing Communications	3
MRKT1001	Marketing Foundations	3
MRKT2050	Market Research and Consumer Insights	3
MRKT3033	Brand Marketing and Analytics	3
Choose one of the following: *		3
MRKT1002	Consumer Behavior	
MRKT3050	Contemporary Sales in the Global Economy	
MRKT3085	Marketing Analytics	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# MBA

The Master of Business Administration degree program developed and updated in collaboration with students and successful industry leaders, enables a diverse student body to advance in their professional careers by attaining business competencies as well as leadership, strategic and creative thinking skills in the ever-changing global business environment.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.

Graduates learn to ethically solve problems that occur in the global business environment in culturally sensitive ways.

## Master of Business Administration - General Program

Master of Business Administration

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
IBUS5511	Global Economic Environments	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Elective Courses \*

Choose College of Business courses at the 5000 or higher level to fulfill the 9 credit elective requirement. Courses taken as foundation courses do not apply.	9
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### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Students may choose up to 6 credits of 5000-level or higher study abroad to satisfy elective courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!



# MBA - Accounting Concentration

The Master of Business Administration degree program with a concentration in Accounting provides the opportunity for advanced study in management and accounting. Successful completion of this program prepares individuals to pursue high-level careers in accounting and/or management positions both in private industry and in public accounting firms. Building on students' preexisting foundation in accounting, this advanced program enables students to develop theoretical knowledge while learning how advanced accounting principles and techniques are applied in practice. Research techniques that successful practitioners use are also covered in this program.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Use applicable ethical and statutory regulations to make sound financial decisions based on current accounting standards.

Graduates learn executive business competencies, professional leadership, and strategic and creative thinking skills that help them ethically solve problems that occur in the global business environment in culturally sensitive ways.

Prerequisite and foundation courses should be completed prior to registering for core and concentration classes.

## Master of Business Administration - Accounting Concentration

Master of Business Administration

### Prerequisite Courses \*, \*\*

ACCT2210	Intermediate Accounting Theory and Practice I **	3
ACCT2220	Intermediate Accounting Theory and Practice II	3
ACCT3011	Federal Taxes I	3
ACCT3050	Advanced Accounting	3
ACCT4040	Auditing	3
LAW2001	The Legal Environment of Business I	3

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

IBUS5511	Global Economic Environments	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Accounting Courses \*\*\*

ACCT6001	Accounting Theory	3
ACCT6003	Advanced Auditing	3
ACCT6020	Individual Taxation	3
ACCT6021	Corporate Taxation	3
LAW6000	Law for Accountants	3

### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-60.0**

\* Courses offered through the undergraduate College of Business and the College of Arts & Sciences.

\*\* Prerequisite courses must be completed prior to or concurrently with foundation courses. The exception is prior to enrolling in ACCT2210 Intermediate Accounting Theory and Practice I when students must have completed ACCT1210 Financial Accounting.

\*\*\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA - Data Analytics Concentration

The Master of Business Administration degree program with a concentration in Data Analytics is a STEM-designated program designed to assist business professionals in advancing their careers by providing a solid foundation of graduate-level business courses to apply insights from data in business decisions. A major challenge in today's business environment is how professionally competent practitioners make the transition to managing people and business operations without losing their professional knowledge and expertise.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Integrate the knowledge of mathematics, statistics, and computer science to collect, analyze and interpret data.

Graduates learn executive business competencies, professional leadership, and strategic and creative thinking skills that help them ethically solve problems that occur in the global business environment in culturally sensitive ways.

This program allows data analysis professionals to develop both their professional skills (concentration courses) and management skills while learning to think strategically in a complex, cost-competitive, knowledge-based environment.

This MBA concentration allows successful graduates to excel at both leading and doing. In this challenging employment environment, data analysis professionals must not only be competent in their fields, but be known as “can-do” leaders. This combination gives our graduates that clear edge to succeed.

## Master of Business Administration — Data Analytics Concentration

### Master of Business Administration

#### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

#### Core Courses

DATA5025	Tools for Data Analytics	3
DATA5100	Statistical Analysis	3
FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
IBUS5511	Global Economic Environments	3
MGMT5800	Effective Leadership	3
MRKT5500	Strategic Marketing	3

#### Data Analytics Courses \*

DATA5200	Data Visualization	3
DATA5300	Big Data Analytics	3
DATA5400	Introduction to Predictive Modeling	3
DATA5600	Research Methods in Data Analytics	3

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA - Event Leadership Concentration

The Master of Business Administration degree program with a concentration in Event Leadership provides the graduate student the opportunity to gain knowledge and information that enables the effective organization and management of events in the corporate, public and private sectors. Both global and domestic live events will be examined, and students learn to synthesize theory and apply industry-specific skills and leadership techniques. This degree encompasses the management demands of events, a dynamic facet of numerous industries. Topics include event leadership, research, design, planning, coordination, execution, site selection, venue management, multipurpose event spaces, sales, negotiations, sustainability, marketing and budgeting. Students gain a sound understanding of how to strategically and effectively design, plan and execute live events in the corporate, private and public sectors in multiple geographic areas. Graduates of the MBA degree with a concentration in Event Leadership may strive to seek leadership positions within the dynamic and global events industry.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Advance organizational objectives and support strategic initiatives through the development and production of events.

## Master of Business Administration — Event Leadership Concentration

Master of Business Administration

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Event Leadership Courses \*

SEE6000	Event Leadership and Planning	3
SEE6020	Event Operations & Risk Management	3
SEE6040	Sustainable Event Management	3
SEE6060	Negotiations for Event Management	3

### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA - Finance Concentration

The Master of Business Administration degree program with a concentration in Finance takes the graduate student to the next level of strategy and analysis. The program's specialized curriculum allows students to focus their advanced degree studies to best position themselves for success in the evolving corporate environment. Developed and updated in collaboration with students and successful industry leaders, the MBA degree program with a concentration in Finance provides our diverse student body with the expertise to advance in their professional careers by attaining business competencies as well as leadership, strategic and creative-thinking skills in the ever-changing global business environment.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Apply knowledge of financial theories and practices to solve organizational and consumer economic challenges.

## Master of Business Administration — Finance Concentration

### Master of Business Administration

#### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

#### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

#### Finance Courses \*

FISV6050	Strategic Financial Planning	3
Choose three of the following:		
FISV5410	Personal Financial Planning	9
FISV5420	Estate Planning	
FISV5430	Principles of Risk and Insurance	
FISV5440	Retirement Planning	
FISV6056	Fundamentals of Investment and Portfolio Management	
FISV6410	Equity Analysis	
FISV6420	Bond Market Analysis	
FISV6430	Applied Behavioral Finance	
FISV6450	Derivatives and Risk Management	
FISV6490	Institutional Portfolio Management	

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA - Hospitality Concentration

Johnson & Wales University is among the largest educators of hospitality professionals in North America. Economists recognize the global hospitality industry as the largest industry in the world and one of the fastest growing fields for future employment. Through the Master of Business Administration degree program with concentration in Hospitality, students acquire the skills and experiences needed to provide exemplary leadership for hospitality-related organizations throughout the world, including Marriott and Compass Group.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision-making in domestic and global organizations.
- Examine and analyze social, multicultural and environmental issues and their impacts upon managerial practices in the global hospitality industry.

Graduates learn executive business competencies, professional leadership, and strategic and creative thinking skills that help them ethically solve problems occurring in the global business environment in culturally sensitive ways.

Graduates in the MBA with a concentration in Hospitality may seek higher-level positions within global organizations that require MBA core curricular skills, as well as strategic planning and management expertise. In the highly competitive hospitality and tourism industry, professionals within the industry are needed to conduct high-level research, develop effective strategies, enhance revenues from strategic channels, and evaluate marketing outcomes. The MBA with a concentration in Hospitality provides the advanced training and knowledge needed to secure employment positions in these growing areas.

Foundation courses should be completed prior to registering for core and concentration courses.

## Master of Business Administration - Hospitality Concentration

### Master of Business Administration

#### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

#### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

#### Hospitality Courses \*

HOSP6509	Hospitality and Tourism Global Issues	3
Choose three of the following:		9
HOSP6030	Franchising and Licensing	
HOSP6080	Experience, Adventure and Education Tourism	
HOSP6526	Information Technology in Hospitality and Tourism	
SEE6000	Event Leadership and Planning	
SEE6020	Event Operations & Risk Management	

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA - Human Resource Management Concentration

The Master of Business Administration degree program with a concentration in Human Resource Management delves into the realms of retention, organizational behavior and other aspects of human capital. The program's specialized curriculum allows students to focus their advanced degree studies to best position themselves for success in the changing landscape of human resources. Developed and updated in collaboration with students and successful industry leaders, the MBA degree program with a concentration in Human Resource Management provides our diverse student body with the expertise needed to advance in their professional careers by attaining business competencies as well as leadership, strategic and creative-thinking skills in the ever-changing global business environment.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Apply professional standards and practices for ethical conduct, legal requirements and regulatory guidelines in the administration of human resource policies and procedures.

## Master of Business Administration — Human Resource Management Concentration

Master of Business Administration

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Human Resource Management Courses \*

HRM5010	Human Resource Management	3
HRM5020	Labor and Employee Relations	3
HRM5050	Strategic Recruiting, Retention and Succession	3
Choose one of the following:		3
HRM5030	Strategic Compensation and Benefits	
HRM5040	Organizational Training and Development	

### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA - Marketing Concentration

The Master of Business Administration degree program with a concentration in Marketing provides graduate students with knowledge and information about marketing strategy within the framework of business strategy and its interdependent functional strategies that create and deliver the value proposition. The marketing concentration emphasizes the importance of stakeholders in managing and/or revitalizing brands over time. Students evaluate best practices in hybrid distribution strategies that leverage partnerships and provide access to target markets utilizing traditional, online and digital channels designed to deliver interactive, omnichannel customer experiences that put customers at the center of all decisions. After graduating with this concentration, students can opt to pursue several key professional certifications.

Upon completion of this program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, pose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Create marketing and branding strategies within the framework of business strategy, leveraging traditional, digital and social media that influence targeted stakeholders.

## Master of Business Administration — Marketing Concentration

Master of Business Administration

Foundation Courses		
BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3
Core Courses		
FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
IBUS5511	Global Economic Environments	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3
Marketing Courses *		
MRKT6010	Advertising and Promotional Strategies	3
MRKT6035	Brand Management	3
Choose two of the following:		6
MRKT6125	Marketing in the Digital Environment	
MRKT6140	Digital Analytics for Marketing Managers	
MRKT6543	Social Media & Internet Marketing	
Career Capstone Course		
MGMT6800	Business Policy and Strategy	3
<b>Total Credits</b>		<b>36.0-42.0</b>

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA - Operations and Supply Chain Management Concentration

The Master of Business Administration degree program with a concentration in Operations and Supply Chain Management allows graduate students to recommend and command business decisions as they relate to continuous process improvement and strategic management. Emphasis is on quality control, process improvement, procurement and profit maximization. The program is developed and updated in collaboration with students and successful industry leaders, enabling our diverse student body to advance in their professional careers by attaining business competencies as well as leadership, strategic and creative thinking skills in the ever-changing global business environment.

The program allows graduate students to delve deeper into the realms of logistics, operations management, strategic sourcing and other aspects of business operations. Companies are looking to improve processes and streamline services in order to remain competitive in the evolving business landscape. The curriculum is informed by the Lean certification body of knowledge and allows students a pathway to pursue industry-relevant certification.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Analyze business supply chains and make strategic recommendations for maximizing benefits to all stakeholders.

## Master of Business Administration – Operations and Supply Chain Management Concentration

Master of Business Administration

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Operations and Supply Chain Management Courses \*

MGMT6310	Designing & Managing Supply Chains	3
MGMT6320	Global Strategic Sourcing	3
MGMT6330	Global Logistics	3
MGMT6340	Lean Production and Quality Control	3

### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.



# MBA - Organizational Leadership Concentration

The Master of Business Administration degree program with a concentration in Organizational Leadership provides the graduate student the opportunity to hone leadership skills necessary for success in today's complex and ever-changing global business environment. Core courses reinforce the ability to critically analyze and assess organizational challenges, while concentration courses advance the student's level of professional competency and expertise demanded in current leadership thinking and application. This program can add practical value to students' professional growth as they consider career opportunities in all areas of upper-level management, including, manufacturing, healthcare, sales, marketing, consulting, labor relations and human resources.

Upon completion of this program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Apply contemporary leadership models and theories to support organizational effectiveness in a global environment.

## Master of Business Administration — Organizational Leadership Concentration

Master of Business Administration

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Organizational Leadership Courses \*

MGMT6056	Contemporary Leadership Issues and Strategies	3
MGMT6150	Coaching and Consultation Skills	3
Choose two of the following:		6
HOSP6060	Corporate Social Responsibility	
HOSP6120	Organizational Behavior in the Hospitality Industry	
MGMT5850	Women and Leadership in Society	
MGMT6210	Project Management	

### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA - Organizational Psychology Concentration

The Master of Business Administration degree program with a concentration in Organizational Psychology provides the graduate student the opportunity to use relevant business skills to address complex issues that exist within the organizational environment. Core courses reinforce the ability to critically analyze and assess industry challenges. The concentration courses incorporate career-related knowledge, skills and abilities, as well as opportunities for experiential learning, that prepare graduates for lifelong learning and professional success in fields such as human resources, government, business, nonprofits, and marketing.

Upon completion of this program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Evaluate and integrate relevant academic/professional literature to formulate action plans to improve group and team performance in alignment with organizational competency models.

## Master of Business Administration — Organizational Psychology Concentration

Master of Business Administration

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Organizational Psychology Courses \*

MGMT6225	Team Dynamics	3
PSYC5400	Organizational Psychology	3

Choose two of the following:

MGMT5350	Talent Development	3
MGMT6150	Coaching and Consultation Skills	3
PSYC5450	Attitude and Motivation in the Workplace	3

One HRM, LEAD or PSYC course, 5000 level or higher

### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# MBA One Year Program

The one-year delivery of the Master of Business Administration degree program is designed to be an intensive program of study which will allow a student to complete all requirements in 12 months beginning in the fall or spring semester.\*

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.

Graduates learn executive business competencies, professional leadership, and strategic and creative thinking skills that will help them ethically solve problems which occur in the global business environment in culturally sensitive ways.

Admission to this accelerated program is offered in the fall and spring semesters. Students with an interest in developing new connections and a desire to complete the program quickly are prime candidates. Students are expected to have completed all required foundation courses before the start of the MBA core classes. The One Year Program offers courses in both Hybrid and Online formats.\*\*

The one-year program is identical to the traditional program except that all courses are offered in an eight-week hybrid model. Students complete two courses per eight-week semester which adds up to four courses per semester, including the summer term.\*\*

\* Online students start in the fall, spring or summer semester.

\*\* Students enrolling in the Online program will take courses in a 100% online environment and are not required to come to campus.

## Master of Business Administration - One Year Program

Master of Business Administration

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
IBUS5511	Global Economic Environments	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Elective Courses \*

Choose College of Business courses at the 5000 or higher level to fulfill the 9 credit elective requirement. Courses taken as foundation courses do not apply.	9
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### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Students may choose up to 6 credits of 5000-level or higher study abroad to satisfy elective courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

# MBA - Sport Leadership Concentration

The Master of Business Administration degree program with a concentration in Sport Leadership provides the graduate student the opportunity to hone leadership skills necessary for success in today's complex and ever-changing global business environment. Core courses reinforce the ability to critically analyze and assess organizational challenges, while concentration courses advance the student's level of professional competency and expertise demanded of today's sports executives. This program can add practical value to students' professional growth as they consider career opportunities in the areas of data and analytics, sales and sponsorship, marketing, new business development, and emerging fields such as esports and digital sports streaming.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision-making in domestic and global organizations.
- Connect leadership principles and knowledge of the sport industry operations to advance organizational objectives and support strategic initiatives.

## Master of Business Administration — Sport Leadership Concentration

Master of Business Administration

### Foundation Courses

BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3

### Core Courses

FISV5600	Financial Management	3
FISV5720	Financial Reporting and Control	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MGMT5900	Ethics, Corporate Social Responsibility and Law	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3

### Sport Leadership Courses \*

SPL5100	Sports and Entertainment Venues & Events, Development and Management	3
SPL6030	Global Issues in Sport Leadership	3
SPL6050	Contemporary Leadership Strategies in Sport	3
SPL6070	Effective Communication Strategies in Sport	3

### Career Capstone Course

MGMT6800	Business Policy and Strategy	3
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**Total Credits** **36.0-42.0**

\* Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

# Operations and Supply Chain Management - B.S.B.A.

## Curriculum

The Operations and Supply Chain Management Bachelor of Science in Business Administration (BSBA) degree program prepares students for careers within a variety of fields. Students study business operations and continuity, logistics, process improvement and other critical skills for today's businesses. Graduates are prepared for entry- and mid-level positions and advanced coursework in operations, supply chain and logistics.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of business administration.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods within business administration.
- Use decision-support tools to resolve contemporary business issues using ethical business practices.
- Apply contemporary models, metrics, and approaches to create sustainable and continuously improving operational processes.
- Evaluate a businesses' supply chain and demonstrate the ability to make recommendations for maximizing its benefits to all stakeholders.

## Operations and Supply Chain Management

A four-year program leading to the bachelor of science in business administration degree

Business Foundations		
ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
BUS1001	Introduction to Business and Management	3
BUS3010	Business Analytics	3
BUS4030	Global Strategy Capstone	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
MGMT2001	Human Resource Management	3
MGMT2030	Operations and Supply Chain Management I	3
MRKT1001	Marketing Foundations	3
Major Courses		
MGMT2020	Organizational Behavior	3
MGMT3035	Operations and Supply Chain Management II	3
MGMT3040	Process and Quality Management	3
MGMT3045	Logistics	3
or MGMT3055	Procurement	
MGMT4050	Contemporary Issues in Operations and Supply Chain Management Strategy	3
RMGT2001	Enterprise Risk Management	3
Applied/Experiential Learning		
Choose 12 credits from the following:		12
BUS4799	College of Business Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>Sa</sup>		
Related Professional Studies		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
A&S Core Experience		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1002	Microeconomics	

One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
One course with an EASC attribute		
Free Electives #		
15 credits selected from 1000-4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>122.0</b>

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

**Eligibility Criteria:**

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Pre-Master's Program - For Business Degree Holders

The Pre-Master's program at Johnson & Wales University is designed for outstanding international students who have completed a three-year bachelor's degree in countries where the three-year bachelor's degree is considered the dominant degree in specific areas of study. The program provides qualified three-year degree holders the opportunity, through a Pre-Master's schedule of undergraduate courses, to equate their education to a four-year U.S. bachelor's degree while fulfilling Pre-Master's program prerequisites. Students successfully completing the Pre-Master's program with a grade point average (GPA) of 3.0 on a scale of 4.0 will enroll directly into their selected graduate business program.

### Pre-Master's Program - For Business Degree Holders

Non-Degree

<b>Business</b>		
BUS3010	Business Analytics	3
<b>Economics</b>		
ECON3070	Contemporary Economic Issues	3
<b>English</b>		
ENG1020	Rhetoric & Composition I	3
ENG1021	Rhetoric & Composition II	3
<b>Law</b>		
LAW3002	The Legal Environment of Business II	3
<b>Humanities</b>		
PHIL3240	Ethics: A Global Perspective	3
One course from ART, HIST, HUM, LIT or REL		
<b>Social Sciences</b>		
LEAD1010	Foundations of Leadership Studies	3
One course from PSCI, PSYC or SOC		
<b>Free Elective</b>		
3 credits selected from 1000-4999 numbered offerings within the university		
<b>Total Credits</b>		<b>30.0</b>

# Pre-Master's Program - For Non-Business Degree Holders

The Pre-Master's program at Johnson & Wales University is designed for outstanding international students who have completed a three-year bachelor's degree in countries where the three-year bachelor's degree is considered the dominant degree in specific areas of study. The program provides qualified three-year degree holders the opportunity, through a Pre-Master's schedule of undergraduate courses, to equate their education to a four-year U.S. bachelor's degree while fulfilling Pre-Masters program prerequisites. Students successfully completing the Pre-Master's program with a grade point average (GPA) of 3.0 on a scale of 4.0 will enroll directly into their selected graduate business program.

## Pre-Master's Program - For Non-Business Degree Holders

### Non-Degree

<b>Accounting</b>		
ACCT1210	Financial Accounting	3
<b>Business Administration — Management</b>		
BUS1001	Introduction to Business and Management	3
<b>Economics</b>		
Choose one of the following: 3		
ECON1002	Microeconomics	
Or higher, such as		
ECON3070	Contemporary Economic Issues	
<b>English</b>		
Choose one of the following: 3		
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
<b>Finance</b>		
FISV2000	Finance	3
<b>Law</b>		
LAW2001	The Legal Environment of Business I	3
<b>Marketing</b>		
Choose one of the following: 3		
MRKT1001	Marketing Foundations	
MRKT3005	Brand Marketing	
<b>Mathematics</b>		
MATH2001	Statistics I	3
<b>Humanities</b>		
PHIL3240	Ethics: A Global Perspective	3
<b>Social Sciences</b>		
LEAD1010	Foundations of Leadership Studies	3
<b>Total Credits</b>		<b>30.0</b>



# College of Engineering & Design

## Undergraduate

- **Bachelor of Science (B.S.) Degree**
  - Biomedical Engineering (p. 132)
  - Computer Engineering (p. 134)
  - Computer Science (p. 136)
  - Cyber Threat Intelligence & Defense (p. 138)
  - Digital Marketing & Social Media (p. 143)
  - Electronics Engineering (p. 145)
  - Graphic Design (p. 147)
  - Product Design (p. 149)
- **Minor**
  - Cybersecurity (p. 141)
- **Programs for Undecided Students (track into bachelor's degree program)**
  - Undeclared - Intended Engineering Interest (p. 151)

## Graduate

- **Master of Science (MS)**
  - Cybersecurity (p. 140)
  - Data Analytics (p. 142)

# Biomedical Engineering - B.S.

## Curriculum

The Biomedical Engineering degree program is an interdisciplinary degree program that combines the knowledge core of engineering disciplines with scientific inquiry to solve problems encountered in living systems. Through coursework in engineering, mathematics and the sciences, students focus on finding solutions to engineering problems. By applying the principles, analytical tools, and problem-solving techniques of engineering, integrated with knowledge of the life sciences, students utilize their skills to design innovative instruments, devices and/or software for a biomedical application. This program is for students who are interested in designing instruments, devices, new procedures and/or software to create diagnostic and therapeutic tools as well as students interested in working in research.

Students who are interested in designing instruments, devices, new procedures and/or software to create diagnostic and therapeutic tools, as well as students interested in working in research, find a wide range of career opportunities when they graduate. Graduates are uniquely prepared to influence and improve human health in a variety of ways, finding opportunities in manufacturing settings, health science companies, hospitals and research entities working in medical equipment design, bioinstrumentation, biomaterials, biomechanics, scientific research, medical imaging and rehabilitation engineering.

Upon completion of the program, graduates are expected to:

- Apply knowledge of mathematics, science, engineering and technology as required by the field of biomedical engineering.
- Use math, science and engineering processes to analyze problems, formulate solutions, conduct experiments and interpret data.
- Communicate engineering and scientific information using oral and written arguments and visual presentation.
- Recognize and evaluate ethical, global and social impacts of biomedical innovation.
- Integrate scientific knowledge, problem-solving skills and engineering tools to design a model for a biomedical engineering application.

## Biomedical Engineering

A four-year program leading to the bachelor of science degree

### Engineering Foundations

ENGN1015	Introduction to Engineering	3
ENGN2001	Digital Logic Design	4
ENGN2009	C Programming for Engineering	4

### Major Courses

BIO1011 & BIO1016	General Biology - Cellular and General Biology Laboratory - Cellular	4
BME3010	Biomaterials	3
BME3020	Biomechanics	3
BME4010	Medical Imaging Modalities	3
BME4020	Interventional Physiology - Medical Device Innovation	3
BME4030	Biomedical Engineering Design	3
ENGN2025	Mechanics I: Statics	3
ENGN2101	Linear Circuit Theory	3
ENGN2102	Linear Circuit Theory Lab	1
ENGN3005	Operational Amplifiers and Linear Circuits	3
ENGN3025	Mechanics II: Dynamics	3
ENGN3077	Fluid Mechanics	3
ENGN3100	Parametric Engineering Design	3
ENGN3302	Robotics	3
SCI2031	Anatomy and Physiology	3

### Applied/Experiential Learning

Choose 6 credits from the following:		
DEE3999	Directed Experiential Education <sup>D</sup>	
TECX4099	College of Engineering & Design Internship <sup>1c</sup>	
TECX4190	Technical Solutions Design Project	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
MATH3040	Calculus III	3
Choose one of the following:		
PHY1011 & PHY1016	General Physics I and General Physics I Laboratory	4

PHY2011 & PHY2016	Physics I and Physics I Laboratory	
Choose one of the following:		
PHY1022 & PHY1026	General Physics II and General Physics II Laboratory	4
PHY2022 & PHY2026	Physics II and Physics II Laboratory	
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		
ENG1020	Rhetoric & Composition I	9
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts & Humanities		
PHIL3240	Ethics: A Global Perspective	6
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		
MATH1040	Calculus I (or higher, based on student's placement) *	6
MATH2010	Introduction to Biostatistics	
Science		
CHM1000 & CHM1006	Foundations in Chemistry and Foundations in Chemistry Laboratory	4
Social Sciences		
Two courses from different disciplines: ANTH, ECON, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		
MATH2040	Calculus II	6
MATH2043	Ordinary Differential Equations	
<b>Free Electives #</b>		
6 credits selected from 1000-4999 numbered offerings within the university		
<b>Total Credits</b>		<b>123.0</b>

\* Students that do not place in MATH1040 Calculus I, will need to take an extra course(s), MATH1020 Fundamentals of Algebra, and/or MATH1030 Precalculus, as prerequisite(s). If needed one, or both, will count as a free elective(s).

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>1c</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Engineering programs require students to have successfully completed pre-calculus or higher level math and have successfully completed 3 years of science with at least one lab science. Students who apply for admission and do not have the requisite math class will be reviewed for another program or the pathway program which provides additional mathematics preparation before direct entrance into an engineering degree program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

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## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Computer Engineering- B.S.

## Curriculum

Computer Engineering is an interdisciplinary degree program that combines the knowledge core of engineering disciplines with mathematics and computer science to solve problems.

The computer engineering curriculum includes the science and technology of software and hardware design, embedded systems, computer architecture, and VLSI in addition to signal processing, solid state devices and microcontroller applications.

Graduates of the Computer Engineering B.S. degree program are prepared for careers in the computer systems industry, focusing on computer systems design and hardware engineering, and have career opportunities in research, design and development in a variety of industries.

Upon completion of the program, graduates are expected to:

- Apply knowledge of mathematics, science, engineering and technology as required by the field of computer engineering.
- Use math, sciences, and engineering processes to analyze problems, formulate solutions, conduct experiments, and interpret data.
- Communicate engineering and scientific information using oral and written arguments and visual presentation.
- Recognize and evaluate ethical, global and social impacts of computer engineering innovation.
- Integrate scientific knowledge, problem-solving skills, and engineering tools to design software and hardware for computer systems.

## Computer Engineering

A four-year program leading to a bachelor of science degree

### Engineering Foundations

ENGN1015	Introduction to Engineering	3
ENGN2001	Digital Logic Design	4
ENGN2009	C Programming for Engineering	4

### Major Courses

CENG4030	Digital Integrated Circuit Design	3
CSIS1112	Computer Science II	3
CSIS2018	Advanced Data Structures	3
CSIS2023	Survey of Programming Languages	3
CYB2010	Computer Architecture with Assembly Language Programming	3
ENGN2085	Introduction to Embedded Systems	3
ENGN2101	Linear Circuit Theory	3
ENGN2102	Linear Circuit Theory Lab	1
ENGN3100	Parametric Engineering Design	3
ENGN3150	Solid State Devices	3
ENGN3151	Solid State Devices Lab	1
ENGN3180	Microelectronics Design	3
ENGN4030	Digital Signal Processing	3
ENGN4140	Capstone Design I	3
ENGN4145	Capstone Design II	3

### Major Electives

Choose 6 credits of the following:	6
CSIS, CYB, ENGN, IDES, ITEC, MATH: 2000 level or higher	

### Applied/Experiential Learning

Choose 6 credits from the following:	6
DEE3999 Directed Experiential Education <sup>D</sup>	
TECX4099 College of Engineering & Design Internship <sup>1c</sup>	
TECX4190 Technical Solutions Design Project	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
MATH2040	Calculus II	3
MATH2220	Linear Algebra	3
Choose one of the following:	4	

PHY1022 & PHY1026	General Physics II and General Physics II Laboratory	
PHY2022 & PHY2026	Physics II and Physics II Laboratory	

### A&S Core Experience

Communications Foundation Courses	9
ENG1020	Rhetoric & Composition I
ENG1021	Rhetoric & Composition II

ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts & Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1040	Calculus I (or higher, based on student's placement)*	
MATH2001	Statistics I	
Science		4
Choose one of the following:		
PHY1011 & PHY1016	General Physics I and General Physics I Laboratory	
PHY2011 & PHY2016	Physics I and Physics I Laboratory	
Social Sciences		6
Two courses from ANTH, ECON, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
MATH2020	Discrete Mathematics	
MATH2043	Ordinary Differential Equations	
<b>Free Electives #</b>		
6 credits selected from 1000-4999 numbered offerings within the university		
<b>Total Credits</b>		<b>125.0</b>

\* Students that do not place in MATH1040 Calculus I will need to take an extra course(s), MATH1020 Fundamentals of Algebra and/or MATH1030 Precalculus, as prerequisite(s). If needed one, or both, will count as a free elective(s).

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#### Eligibility Criteria:

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- Meet the individual course prerequisites

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Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Computer Science - B.S.

## Curriculum

The Computer Science bachelor's degree program is designed to provide a broad overview to the fundamentals of computer science, including software and systems analysis, programming languages, machine architecture, algorithmic thinking, and theoretical foundations of computing.

Upon completion of the program, graduates are expected to:

- Apply knowledge of math, science, engineering and contemporary developments in the fields of software programming, networking, system design, computer science and/or project management.
- Analyze problems through the use of computer science concepts and processes to formulate, implement and test software-based algorithms.
- Incorporate historical context and emerging developments in computer science to create adaptable and efficient algorithmic solutions that reflect ethical considerations and global awareness.
- Use the techniques, skills and emerging tools necessary for analysis and evolution of algorithms in computer science.

Upon completion of the Software Engineering specialization (offered at the Providence campus), graduates are expected to:

- Integrate knowledge, tools and problem-solving skills to carry out the design, creation, maintenance and testing of state-of-the-art software solutions.

Upon completion of the Network Engineering specialization (offered at the Providence Campus), graduates are expected to:

- Apply computer science knowledge, skills and tools focused on real-time, finite state machine development methods aimed at creating network products, network designs, troubleshooting plans and advanced protocol tracking.

Modern computer science touches many academic pursuits (i.e., business, economics, the sciences, mathematics, etc.). Computer Science students have the flexibility to truly pursue integrated learning across the university and beyond, made possible by additional elective options with this degree. The benefits of problem-solving and algorithmic thinking can be applied to many intellectual pursuits changing the way students approach problem solving. Coupled with the pragmatic skills of programming and computer internals training, students can be action-oriented in mobilizing and automating problem-solving methods.

In the Software Engineering specialization, the core concepts found in computer science are expanded upon in the pursuit of perfecting the methods and tactics necessary for large-scale software development. Software engineering applies problem-solving methods, data-handling techniques and programming skills to large-scale implementations. Large projects pose unique challenges in terms of specification of problems to be solved, practical application development concerns, testing, project management and documentation. The Software Engineering specialization focuses on learning in these key areas. Programming is comprised of unique skills that separate software engineers from pure computer scientists. Students that complete this specialization are ready to join software development teams and make significant contributions to software product development.

In the Network Engineering specialization, students learn how computer science drives the next level of networking enhancements: application-aware networks, software-driven networks, advanced network security screening/ firewalling/packet examination, and data-handling improvements based on advanced-routing algorithms. Finite state-based programming has always been at the core of networking and is the focus of this program. Students who complete this specialization are intimately familiar with the evolution of network products, the software internals of switches and routers, and the latest trends in software development specific to this industry. Students are positioned to lead network design teams, benchmark network products, create network products, and analyze network problems from both a software and hardware point of view.

## Computer Science

A four-year program leading to the bachelor of science degree

### Major Courses

CSIS1101	Computer Science I	3
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CSIS1112	Computer Science II	3
CSIS2018	Advanced Data Structures	3
CSIS2023	Survey of Programming Languages	3
CSIS2030	Database Concepts	3
CSIS2045	Introduction to Operating Systems	3
CYB2010	Computer Architecture with Assembly Language Programming	3
ITEC2081	Network Protocols I	3
ITEC3050	Information Security with Cryptography	3
MATH1030	Precalculus	3
PRMG2010	Introduction to Project Management & Project Membership	3

### Major Courses/Specialization

Choose additional major courses or a specialization listed below† 18

CSIS3126	Design Project I	
CYB3038	HCI/Usable Security	
ITEC3070	Systems Modeling and Simulation	
9 credits at the 2000+ level in the following subjects: BIO, CAD, CHM, CSIS, CYB, ECON, ENGN, GDES, ITEC, LEAD, MATH, MGMT, PHY, PSYC, SCI, SOC		

### Applied/Experiential Learning

Choose 6 credits from the following: 6

DEE3999	Directed Experiential Education <sup>D</sup>	
TECX4099	College of Engineering & Design Internship <sup>1c</sup>	
TECX4190	Technical Solutions Design Project	

### Related Professional Studies

CAR0010	Career Management	1
ENG2010	Introduction to Technical Communication	3
FYS1020	First-Year Seminar	1
LAW2001	The Legal Environment of Business I	3
MATH2020	Discrete Mathematics	3
MGMT2020	Organizational Behavior	3

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	

Integrative Learning 6  
Two ILS courses, one at the 2000 level, and one at the 4000 level

Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		

Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	

Science		4
PHY1011 & PHY1016	General Physics I and General Physics I Laboratory	

Social Sciences		6
LEAD1010	Foundations of Leadership Studies	
One course from ANTH, ECON, GEND, PSCL, PSYC, RES or SOC		

A&S Electives 6  
Two courses with an EASC attribute

### Free Electives #

9 (6 for students in the Software Engineering specialization) credits selected from 1000-4999 numbered offerings within the university

**Total Credits 123.0**

### †Software Engineering Specialization 21

Students must use 3 credits of free electives to complete this specialization

CSIS3106	Software Verification, Validation, Testing and Security	
CSIS3126	Design Project I	
CSIS4010	Software Engineering	
ENGN2085	Introduction to Embedded Systems	
ITEC2085	Distributed Systems with TCP/IP	
ITEC3040	Systems Analysis	
MATH1040	Calculus I	

### †Network Engineering Specialization 18

ITEC2082	Network Protocols II	
ITEC2085	Distributed Systems with TCP/IP	
ITEC3031	Router Internals and Integration	
ITEC3075	Network Security	
ITEC3083	Wireless Networking	
MATH1040	Calculus I	

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<sup>L</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

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Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. The Computer Science program requires students to have successfully completed Algebra II or higher level math class. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

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## Accelerated Program Options

### J2 Program

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Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Cyber Threat Intelligence & Defense - B.S.

## Curriculum

The Cyber Threat Intelligence & Defense bachelor's degree program is designed to fill a critical and growing need for cyber threat intelligence and defense personnel in the public and private sector. Students completing this curriculum should have the understanding of incident response techniques that detect, scope and respond to internal and external intelligence. This intelligence is used to enable network and system defenders to establish protocols that decrease the cyber attacker's likelihood of success with each ensuing intrusion attempt.

Upon completion of the program, graduates are expected to:

- Operate and communicate effectively in working with stakeholders at all levels.
- Function effectively on teams to accomplish a common goal.
- Synthesize aspects of professional, ethical, legal, security and social issues and responsibilities in the area of cyber operations.
- Apply current techniques, skills and tools necessary for computer and cyber practices.
- Measure the performance of security systems within an enterprise level information system infrastructure.
- Analyze the local and global impact of computing on individuals, organizations and society.
- Analyze a problem, identify possible threats, and define the computing requirements appropriate to solve cyber operations issues.

The focus of this program is to educate and train the new wave of cyber specialist that can track, analyze and counter digital security threats. This form of intelligence is a blend of physical reconnaissance and defense with modern information technology techniques. Proactive cyber defense is the direction of the future, the gathering of information about trends and behaviors of adversaries in anticipation to opposing an attack against computers and networks, is critical to mitigating operational risk.

An experiential educational experience is also offered. There are a variety of options available for students to complete the required six-credit experience. Student may elect to add an additional three credits based upon advising and prior planning.

Upon graduation, students may be employed in cyber-related jobs ranging from manufacturing, defense, public administration, healthcare and retail trade industries.

An important component of the program's educational experience is the general studies courses taught by the College of Arts & Sciences. Graduates are expected to show competencies in higher-order thinking, communications, ethics, global diversity, responsible citizenship and leadership.

## Cyber Threat, Intelligence & Defense

A four year program leading to the bachelor of science degree

### Major Courses

CSIS1000	Problem Solving and Programming Concepts	3
CSIS1101	Computer Science I	3
CSIS1112	Computer Science II	3
CSIS2030	Database Concepts	3
CSIS2045	Introduction to Operating Systems	3
CSIS2080	Database Design	3
CYB1005	Introduction to Cyber Security Operations	3
CYB2010	Computer Architecture with Assembly Language Programming	3
CYB3011	Software Reverse Engineering	3
CYB3023	Large Scale Distributed Systems	3
CYB3038	HCI/Usable Security	3
CYB4010	Computer and Network Forensics	3
CYB4026	Cyber Intelligence	3
CYB4032	Perimeter Protection and Vulnerability Assessment	3
CYB4044	Active Cyber Defense and Countermeasures	3
ITEC2081	Network Protocols I	3
ITEC2082	Network Protocols II	3
ITEC3050	Information Security with Cryptography	3
ITEC3075	Network Security	3
ITEC3083	Wireless Networking	3

### Applied/Experiential Learning

Choose 6 credits from the following:		6
DEE3999	Directed Experiential Education <sup>D</sup>	
TECX4099	College of Engineering & Design Internship <sup>lc</sup>	
TECX4190	Technical Solutions Design Project	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
LAW2001	The Legal Environment of Business I	3
LAW3080	Cyberlaw	3
PRMG2010	Introduction to Project Management & Project Membership	3

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or PHIL3240	Ethics: A Global Perspective	
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MATH2001	Statistics I	
MATH2020	Discrete Mathematics <sup>*</sup>	
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One course from ANTH, ECON, GEND, PSCL, PSYC, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Elective <sup>#</sup></b>		
3 credits selected from 1000-4999 numbered offerings within the university		3
<b>Total Credits</b>		<b>123.0</b>

<sup>\*</sup> Students that do not place in MATH2020 Discrete Mathematics, will need to take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this will count as an A&S elective.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>lc</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!



## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. The Cyber Threat Intelligence & Defense program requires students to have successfully completed Algebra II or higher level math class. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

### Accelerated Program Options

#### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Cybersecurity - M.S.

The Cybersecurity Master of Science degree program builds cogently on the body of knowledge associated with the protection of networks, communication channels and information, and incorporates a set of core competencies in both technology and business as they relate to planning, implementing and managing system- and enterprise-level security. This program is targeted for students who have bachelor's degrees in information technology, computer science, and network and software engineering, as well as others who have earned bachelor's degrees in fields outside these areas but need the graduate-level degree to advance professionally. All students must complete a capstone project.

Upon completion of the program, graduates are expected to:

- Research, establish and apply strategies and solutions that demonstrate an understanding of security foundations and the practical applications in the information security/assurance field.
- Integrate information security solutions through the alignment of appropriate security methodologies to different security situations.
- Develop system security contingency plans and disaster recovery procedures.
- Propose and test policies and procedures to ensure information systems reliability and availability and the prevention of unauthorized access.
- Effectively communicate information security assessments, plans and actions to all stakeholders, both technical and nontechnical.
- Assess and summarize the legal standards, laws and regulations related to information security/assurance in the global community.

This program is a 12-course degree with a 6-course core and 5-course focus area. The final program requirement is a 3.0 credit capstone research project.

ISA5005 Network Fundamentals (offered online only) or an approved equivalent is a requirement for this program. Students who do not have this course or an approved equivalent within their undergraduate program, or who transferred in, will need to complete this foundation course prior to registering for core and focus classes.

## Cybersecurity

Master of Science

Foundation Course		
ISA5005	Network Fundamentals *	3
Core Courses		
ISA5020	Foundations of Information Security Management	3
ISA5030	Legal and Ethical Principles in IT	3
ISA5040	Network Security and Cryptography	3
ISA5050	Digital/Computer Forensics and Investigation	3
MATH5100	Statistical Methods	3
RSCH5700	Research and Inquiry	3
Required Focus		
ISA5085	Principles of Programming	3
ISA6010	Software Security Testing	3
ISA6020	Securing Virtualized and Cloud Infrastructures	3
ISA6030	Hacking Countermeasures and Techniques	3
ISA6040	Advanced Network Intrusion Detection and Analysis	3
Career Capstone Course		
ISA6090	Information Security & Assurance Capstone Research Project	3
<b>Total Credits</b>		<b>36.0-39.0</b>

\* ISA5005 Network Fundamentals is only offered online.

## Cybersecurity - MINOR

From business to entrepreneurship to the sciences, almost every field is subject to cybercrime. The Cybersecurity minor allows a broad array of students to examine the fundamentals of cybercrime as well as detection and investigation techniques to stave off such encroachments. Through an interdisciplinary survey of the field, students learn the basic required skills to prevent, detect and prosecute cyber-crime, including core aspects of Kali Linux, cryptography, digital information theory, basic law enforcement, and cyber-crime scene processing. Existing technology skills are not required for enrollment in this minor.

Students discover how successful organizations use and deploy cybersecurity solutions and how important they are to any business organization. By expanding their knowledge in this area, students add value to their chosen major and to their future careers.

### Cybersecurity

Minor

#### Cyber Security

##### Minor

CJS3820	Cyber Crimes *	3
CSIS1000	Problem Solving and Programming Concepts	3
CYB1005	Introduction to Cyber Security Operations	3
ITEC3050	Information Security with Cryptography	3
Choose one of the following:		3
LAW3025	Criminal Law	
LAW3080	Cyberlaw *	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Data Analytics - M.S.

The Data Analytics Master of Science degree program is designed to provide students with in-depth knowledge for applying statistical methods and tools to solve real-world problems using data. The program includes core courses in statistical topics as well as advanced applications of data analytics. Students delve into the areas of data mining, analytics, management and visualization, forecasting, modeling, and optimization and simulation which provide skills necessary to fill the current analytics gap and prepare students for both the technical and business challenges posed by big data.

Upon completion of the program, graduates are expected to:

- Integrate the knowledge of mathematics, statistics and computer science to collect, analyze and interpret data.
- Use data to drive organizational decisions and optimize performance.
- Conduct analysis for advanced data mining strategies to optimize model performance.
- Make recommendations based on the evaluation of the ethical, legal and political issues of data usage and its implications for a given application, market or population.

## Data Analytics

### Master of Science

#### Prerequisite Courses \*

FIT1040	Spreadsheet Design for Business Solutions (or passing grade on challenge exam)	3
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#### Core Courses

DATA5025	Tools for Data Analytics	3
DATA5050	Data Management	3
DATA5100	Statistical Analysis	3
DATA5150	Data Mining	3
DATA5200	Data Visualization	3
DATA5300	Big Data Analytics	3
DATA5350	Text & Web Mining Analytics	3
DATA5400	Introduction to Predictive Modeling	3
DATA5515	Advanced Topics in Predictive Analytics	3
DATA5550	Optimization Simulation	3
DATA5600	Research Methods in Data Analytics	3
DATA5700	Data Analytics Capstone	3

**Total Credits** **36.0-39.0**

\* Prerequisite courses must be completed prior to or concurrently with core courses.

# Digital Marketing & Social Media - B.S.

## Curriculum

The Digital Marketing & Social Media bachelor's degree program — a joint degree offered through the College of Engineering & Design and the College of Business — develops students' understanding of consumer behavior, digital marketing and social media technology to attract, convert and retain customers. Through a solid foundation in the growing fields of marketing, technology and analytics, students gain a competitive advantage in the workplace upon graduation.

Courses cover integrated marketing communications, media planning and buying, email marketing, SEO, marketing research and analytics, and social media marketing. Some courses may offer professional certifications in digital marketing, social media management, and project management. Students are also introduced to visual design concepts and tools, data visualization, data analysis, spreadsheet design, web design, UI/UX design, content design, and content management systems. Industry-relevant tools and software are explored for content creation across video, digital, programmatic and social media platforms.

The program culminates in a capstone course where students complete a comprehensive experiential project that encompasses the skills they learned in this program.

Upon completion of the program, graduates are expected to:

- Collect and analyze data to evaluate the effectiveness of social media and digital marketing strategies.
- Analyze, evaluate and redesign existing digital marketing and/or social media strategies to optimize an organization's online presence.
- Provide data-driven solutions for the management of content in social media and online marketing campaigns.
- Communicate complex data sets to both technical and non-technical audiences.

This program takes an interdisciplinary approach and emphasizes a variety of experiential education opportunities as a means of gaining readily transferrable knowledge upon graduation tailored to student learning, interests and professional goals. Additionally, students may choose to use an additional 15 credits from their free electives based on advising and pre-planning.

An important component of the program's educational experience is the Arts & Sciences Core Experience. Graduates are expected to show competencies in higher-order thinking, communications, ethics, global diversity, responsible citizenship and leadership.

## Digital Marketing & Social Media

A four-year program leading to the bachelor of science degree

### Major Courses College of Business

ADVC1010	Marketing Communications	3
ADVC1021	Influencer Marketing	3
ADVC2001	Content Creation and Generative AI	3
ADVC2011	Media Buying and Planning	3
ADVC4050	Integrated Search Engine Marketing Campaigns	3
FIT1040	Spreadsheet Design for Business Solutions	3
MRKT1001	Marketing Foundations	3
MRKT2050	Market Research and Consumer Insights	3
MRKT3045	Social and Digital Media Marketing	3
MRKT3085	Marketing Analytics	3

### Major Courses College of Engineering & Design

DMSM1001	Introduction to Digital/Social/Mobile Media	3
DMSM2025	Introduction to Data Visualization	3
DMSM2050	Spreadsheets for Data Analysis	3
DMSM4030	Senior Capstone	4
GDES1040	Foundations of Web Design	3
GDES1060	User Experience and Content Design I	3
GDES2050	Content Management Systems	3
GDES3050	Basics of Graphic Design	3
GDES3300	Design for Video I	3

### Applied/Experiential Learning

Choose 6 credits from the following:		6
BUS4799	College of Business Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
TECX4099	College of Engineering & Design Internship <sup>1c</sup>	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
<b>A&amp;S Core Experience</b>		
Communications Foundations Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level (ILS2385 recommended)		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
SOC1001	Sociology I	
One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC, or RES		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Electives</b>		
15 credits selected from 1000-4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>123.0</b>

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Electronics Engineering - B.S.

## Curriculum

The Electronics Engineering bachelor's degree program provides a broad-based foundation in current and projected growth areas of electronic engineering. The program focuses on the technology dynamics of the industry in embedded systems design and applications.

An immersive, lab-based approach integrates mathematical and engineering applications with contemporary developments in the field.

Upon completion of the program, graduates are expected to:

- Apply knowledge of mathematics, engineering sciences and contemporary developments in the field to perform analysis and design to desired engineering specifications.
- Use engineering processes to identify and analyze problems, formulate solutions, design simulations and experiments, and interpret results.
- Communicate complex concepts through design principles to create adaptable and efficient solutions that reflect ethical considerations and global awareness in the resolution of engineering problems.
- Employ industry-standard techniques, skills and tools to analyze and interpret data to formulate engineering solutions.
- Integrate knowledge, tools, and problem-solving skills to implement the design, creation and testing of solutions to engineering problems.
- Function effectively on a team whose members together provide leadership by creating a collaborative and inclusive environment.

Through experiential education options, students have the opportunity to gain work experience at a variety of industry partnership sites.

## Electronics Engineering

A four-year program leading to the bachelor of science degree

### Engineering Foundations

ENGN1015	Introduction to Engineering	3
ENGN2001	Digital Logic Design	4
ENGN2009	C Programming for Engineering	4

### Major Courses

ENGN2020	Transform Methods for Engineering	3
ENGN2085	Introduction to Embedded Systems	3
ENGN2101	Linear Circuit Theory	3
ENGN2102	Linear Circuit Theory Lab	1
ENGN2205	Microcontrollers	3
ENGN3005	Operational Amplifiers and Linear Circuits	3
ENGN3045	Electricity & Magnetism	3
ENGN3100	Parametric Engineering Design	3
ENGN3150	Solid State Devices	3
ENGN3151	Solid State Devices Lab	1
ENGN3180	Microelectronics Design	3
ENGN4030	Digital Signal Processing	3
ENGN4140	Capstone Design I	3
ENGN4145	Capstone Design II	3

### Applied/Experiential Learning

Choose 6 credits from the following:		
DEE3999	Directed Experiential Education <sup>D</sup>	6
TECX4099	College of Engineering & Design Internship <sup>LC</sup>	
TECX4190	Technical Solutions Design Project	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
MATH2001	Statistics I	3
MATH2043	Ordinary Differential Equations	3
MATH2220	Linear Algebra	3
PHY2011	Physics I	4
& PHY2016	and Physics I Laboratory	

### A&S Core Experience

Communications Foundation Courses		
ENG1020	Rhetoric & Composition I	9
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		
Two ILS courses, one at the 2000 level, and one at the 4000 level		6
Arts and Humanities		
PHIL3240	Ethics: A Global Perspective	6

One course from ART, HIST, HUM, LIT, or REL		
Mathematics		
MATH1040	Calculus I (or higher, based on student's placement) <sup>*</sup>	6
MATH2040	Calculus II	
Science		
CHM1000 & CHM1006	Foundations in Chemistry and Foundations in Chemistry Laboratory	4
Social Sciences		
Two courses from different disciplines: ANTH, ECON, GEND, LEAD, PSCI, PSYC, RES or SOC		6
A&S Electives		
MATH3040	Calculus III	7
PHY2022 & PHY2026	Physics II and Physics II Laboratory	
<b>Free Electives<sup>#</sup></b>		
9 credits selected from 1000-4999 numbered offerings within the university		9
<b>Total Credits</b>		<b>123.0</b>

\* Students that do not place in MATH1040 Calculus I, will need to take an extra course(s), MATH1020 Fundamentals of Algebra, and/or MATH1030 Precalculus, as prerequisite(s). If needed one, or both, will count as a free elective(s).

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>LC</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

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In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Outcomes and Objectives

### Program Outcomes

Upon completion of the Electronics Engineering program, graduates are expected to:

- Apply knowledge of mathematics, engineering sciences and contemporary developments in the field to perform analysis and design to desired engineering specifications.
- Use engineering processes to identify and analyze problems, formulate solutions, design simulations and experiments, and interpret results.
- Communicate complex concepts through design principles to create adaptable and efficient solutions that reflect ethical considerations and global awareness in the resolution of engineering problems.
- Employ industry-standard techniques, skills and tools to analyze and interpret data to formulate engineering solutions.
- Integrate knowledge, tools, and problem-solving skills to implement the design, creation, and testing of solutions to engineering problems.

- Function effectively on a team whose members together provide leadership by creating a collaborative and inclusive environment.

### Student Outcomes

The Electronics Engineering program adheres to the following student outcomes which support the program educational objectives. Attainment of these student outcomes prepare graduates to enter the professional practice of engineering:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. an ability to communicate effectively with a range of audiences
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

### Program Educational Objectives

Three to five years after graduation from the B.S. in Electronics Engineering program, graduates will:

- Use their engineering knowledge and skills in the field of electronics engineering and related disciplines to solve technical problems in an ethical and responsible manner using engineering principles, tools, and practices.
- Demonstrate expertise in communications, teamwork, and leadership as members of diverse engineering teams in a global environment.
- Engage in continuous professional development and pursue life-long learning through education and professional organizations.

### Admissions Requirements

Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

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Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Engineering programs require students to have successfully completed pre-calculus or higher level math and have successfully completed 3 years of science with at least one lab science. Students who apply for admission and do not have the requisite math class will be reviewed for another program or the pathway program which provides additional mathematics preparation before direct entrance into an engineering degree program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

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Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.



# Graphic Design - B.S.

## Curriculum

The Graphic Design bachelor's degree program combines visual design foundation courses and pre-professional educational experience to prepare students for careers in professional graphic design.

Upon completion of the program, graduates are expected to:

- Demonstrate knowledge of the common elements, vocabulary, visual culture and history of design, and the interaction of these elements in modern context.
- Apply professional processes to analyze a problem, conduct research, propose solutions, write specifications and execute delivery of a product.
- Communicate, create and develop successful solutions to visual concepts reflecting the principles of visualization and design, typography, imagery, user-experience and aesthetics.
- Use traditional tools, technology, materials and production methods of the discipline to create effective solutions to design problems.
- Design solutions that respond to the physical, cognitive, cultural, social and/or ethical elements of the audience.

Students in this degree program prepare for a wide range of career opportunities in the creative industries where graphic design and web design intersect. Sample job titles in this rapidly changing professional market include graphic designer, digital designer, visual designer, UI/UX (user interface) designer, web designer, creative/art director, digital designer, interactive designer, multimedia designer and more.

The academic and experiential focus of this program prepares students to solve various digital communication problems using visual design and digital tools. Learning is professionally focused and performance-based using current digital software and hardware in university labs and studios.

There are two major focus areas that students can choose from: (1) web design or (2) print design courses to fine tune skill sets in two major areas of the field.

In their sophomore year, students assemble a comprehensive portfolio that demonstrates their increasingly sophisticated mastery of design. Students begin to identify and present themselves as independent designers through the development of focused identity that carries through to all of their presentation materials.

The senior year is highlighted with real-world experience in the Design Team courses and through internships. Students develop competitive skills in project management by creating, managing and presenting graphic design projects for real-world clients.

In Design Team I and II, senior-level students apply their knowledge to real-world problems through experiential education. Working from the John J. Bowen Center for Science and Innovation, students provide design solutions for community partners. Students hone their design skills by creating, editing and presenting visual collateral that includes branding/logo design; print peripherals, including pamphlets, posters, organizational identity kits and infographics; video; motion graphics; and websites. Students work in project teams supervised by faculty.

Students complete the Senior Portfolio Assessment course, which guides them through the assembly of a comprehensive digital and physical portfolio that demonstrates their increasingly sophisticated mastery of design. With faculty guidance, students gather, revise and organize their best works as well as enhance their portfolios with additional advanced design projects. In the final week of the course, students present and defend their work to a select group of faculty and visiting industry professionals. This course is the springboard for students to start applying for internships and other experiential education opportunities that are required of the program. Students also show their work in the annual Senior Showcase Exhibit.

Other opportunities such as study abroad, national competitions and school exhibitions are also available to qualified students and complement the college experience.

## Graphic Design

A four-year program leading to the bachelor of science degree

### Major Courses

GDES1000	Drawing for Design	3
GDES1001	First Year Design Student Seminar	1

GDES1020	Design Theory and Practice	3
GDES1030	Vector-Based Design	3
GDES1040	Foundations of Web Design	3
GDES1050	Image Editing and Design	3
GDES1060	User Experience and Content Design I	3
GDES2000	Typography	3
GDES2030	Editorial & Publication Design	3
GDES2050	Content Management Systems	3
GDES2060	Portfolio Assessment for Digital	3
GDES2061	Portfolio Assessment for Print	3
GDES3015	Design Team I	4
GDES3025	Design Team II	4
GDES3250	Brand Identity Design and Development	3
GDES3300	Design for Video I	3
GDES4050	Senior Portfolio Assessment	3
IDES1010	Introduction to 3D Design	3

### Major Focus

Choose one of the areas below for a Major Focus: 9

#### Web Design

GDES3215	Coding for Web Design	
GDES3235	User Experience and Content Design II	
or GDES3315	Introduction to Programming with JavaScript	
GDES3355	Web Design & User Experience Studio	

#### Print Design

GDES3210	Advanced Publication & Print	
GDES3260	Package Design	
GDES3270	Wayfinding & Environmental Graphics	

### Applied/Experiential Learning

Choose 6 credits of the following: 6

DEE3999	Directed Experiential Education <sup>D</sup>	
TECX4099	College of Engineering & Design Internship <sup>IC</sup>	
TECX4190	Technical Solutions Design Project	

### Related Professional Studies

ADVC1010	Marketing Communications	3
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses 9

ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	

Integrative Learning 6

Two ILS courses, one at the 2000 level, and one at the 4000 level

Arts and Humanities 6

ART3020	Art History	
One course from HIST, HUM, LIT, PHIL or REL		

Mathematics 6

MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	

Science 3

One course from BIO, CHM, PHY or SCI

Social Sciences 6

SOC1001	Sociology I	
or SOC2005	Honors Seminar: Social Inequalities	
One course from ANTH, ECON, GEND, LEAD, PSY, PSYC or RES		

A&S Electives 6

MCOM1210	Foundations of Digital Photography	
One course with an EASC attribute		

### Free Electives <sup>#</sup>

6 credits selected from 1000-4999 numbered offerings within the university 6

**Total Credits 122.0**

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>IC</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students

who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Product Design - B.S.

## Curriculum

The Product Design bachelor's degree program at JWU invites students to imagine and create the next generation of connected products, high-tech systems and user experiences. Graduates leave prepared to lead as technologists, innovators and designers in a rapidly changing global economy.

The edges of professional design practice are becoming porous, revealing new challenges and opportunities in the field. A new kind of design thinking is needed to develop the next generation of experiences, interconnected products and interfaces. The Product Design B.S. degree prepares students to integrate system and experience design with strategic innovation, removing traditional boundaries within design practice.

JWU Product Design students explore the web of systems and human experiences surrounding and supported by a design proposal. This approach positions graduates to create smart, connected products or integrate design thinking and problem-solving into established businesses and industries, helping them adapt and differentiate themselves.

Students begin their studies with an intensive design foundation. In small project-based classes, students work closely with faculty to develop their representation, research and communication skills. With skills in hand, students proceed through a studio sequence of increasingly complex design projects with exposure to real clients and real-world problems. In their final year, students develop a capstone design investigation to explore a specific area of interest and begin the transition from student to design professional. Graduating students enter the world ready to use design as a catalyst for change, transforming and improving people's lives.

Upon completion of the program, graduates will be able to:

- Apply the concepts of universal design to create inspiring, user-focused products and experiences.
- Model systems to improve system performance through design intervention.
- Move iteratively and critically from open-ended problems to design proposals.
- Communicate complex ideas visually, orally and in written form.
- Propose appropriate materials, technologies and processes for design proposals.

## Product Design

A four-year program leading to the bachelor of science degree

### Major Courses

GDES1000	Drawing for Design	3
GDES1001	First Year Design Student Seminar	1
GDES1020	Design Theory and Practice	3
GDES1030	Vector-Based Design	3
GDES1040	Foundations of Web Design	3
GDES1050	Image Editing and Design	3
IDES1010	Introduction to 3D Design	3
IDES1030	Direct Modeling	3
IDES2010	Human Factors	3
IDES2040	Materials and Processes	3
IDES2050	Parametric Modeling	3
IDES3010	System Design	3
IDES3030	Simulation, Analysis and Optimization	3
IDES3050	Emerging Design Technologies	3
IDES4030	Preparation for Capstone Project	1
IDES4050	Capstone Project	3

### Design Studios

IDES3090	Design Studio	20
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Students will take the Design Studio course five times. Course objectives change based on individual student levels.

### Applied/Experiential Learning

Choose 6 credits from the following:		
DEE3999	Directed Experiential Education <sup>D</sup>	6
TECX4099	College of Engineering & Design Internship <sup>IC</sup>	
TECX4190	Technical Solutions Design Project	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2020	Discrete Mathematics	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
Two courses from different disciplines: ANTH, ECON, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Electives #</b>		
9 Credits selected from 1000-4999 numbered offerings within the university		9
<b>Total Credits</b>		<b>123.0</b>

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>IC</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Undeclared Major with Intended Engineering Interest

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Curriculum

The Undeclared major with intended engineering interest is for the student who desires an engineering major but needs additional mathematics preparation before direct entrance into an engineering degree program. Students who successfully complete the requirements to matriculate into an engineering program after two semesters are enrolled into a B.S. program in either Computer Engineering, Electronics Engineering or Biomedical Engineering in their second year of study. Requirements are outlined in the "Pathway to Engineering Contract for Success" and include advising, tutoring, and achievement of a 2.75 GPA in engineering, math and science courses during their first two semesters.

### Undeclared Major with Intended Engineering Interest

Engineering Foundations		
ENGN1015	Introduction to Engineering	3
ENGN2001	Digital Logic Design	4
Related Professional Studies		
ENGN3100	Parametric Engineering Design	3
FYS1020	First-Year Seminar	1
A&S Core Experience		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Science		4
CHM1000 & CHM1006	Foundations in Chemistry and Foundations in Chemistry Laboratory *	
or		
PHY1011 & PHY1016	General Physics I and General Physics I Laboratory **	
Mathematics/A&S Electives/Free Electives ***		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH1030	Precalculus	
<b>Total Credits</b>		<b>30.0</b>

- \* CHM1000 Foundations in Chemistry and CHM1006 Foundations in Chemistry Laboratory are required for Undeclared majors with intended Electronics Engineering and Biomedical Engineering interest.
- \*\* PHY1011 General Physics I and PHY1016 General Physics I Laboratory are required for Undeclared majors with intended Computer Engineering interest.
- \*\*\* Students that do not place in MATH1040 Calculus I will need to take an extra course(s), MATH1020 Fundamentals of Algebra and/or MATH1030 Precalculus, as prerequisite; depending on placement. If needed this may count as an A&S or Free elective.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

# College of Food Innovation & Technology

## Undergraduate

- **Associate in Science (A.S.) Degree**
  - Baking & Pastry Arts (p. 153)
  - Culinary Arts (p. 158)
- **Bachelor of Science (B.S.) Degree**
  - Baking & Pastry Arts (p. 154)
  - Culinary Arts (p. 159)
  - Culinary Nutrition (p. 161)
  - Culinary Science & Product Development (p. 163)
  - Food & Beverage Entrepreneurship (p. 166)
  - Sustainable Food Systems (p. 171)
- **Minor**
  - Beverage Service Management (p. 156)
  - Craft Brewing (p. 157)
  - Culinary Sustainability (p. 165)
  - Sommelier Management (p. 170)
- **Certificate**
  - Professional Craft Brewing (p. 169)

## Graduate

- **Master of Science (M.S.) Degree**
  - Food Innovation & Technology (p. 168)

# Baking & Pastry Arts - A.S.

## Curriculum

The Baking & Pastry Arts associate degree program provides students with a practical, skill-based baking and pastry education that explores both traditional and contemporary techniques in the production of breads, pastries, cakes and desserts. The baking and pastry arts students, using the medium of food, progress through a program of study that builds competency in celebration cakes, artisan breads, chocolate confections, plated desserts and classic pastries in state-of-the-art laboratory classrooms.

Upon completion of the program, graduates are expected to:

- Execute professional techniques and skills needed to prepare, produce and serve desserts as it applies to the current food service industry.
- Perform the skills and techniques of professional artisanal bread baking and viennoiserie.
- Apply FDA recommended food safety and sanitation principles to products, tools and equipment used throughout the flow of food within the pastry kitchen.
- Implement cost control measures to track goods, services and costs through the cycle of cost control and to evaluate revenue and expenses and their effect on profitability.
- Communicate professionally and exhibit appropriate decision making skills with respect for individual and team diversity as it applies to the food service industry.

The first-year baking and pastry laboratory classes focus on skill development and the combining of ingredients to produce pastries, breads, cakes, plated desserts and chocolates. The second year focuses on advanced techniques for the production of entremets as well as the culinary/beverage and front-of-the-house skills needed in the execution of an artisan café.

Craft-based training is paired with traditional academic courses resulting in a curriculum that is both dynamic and directly aligned with industry needs. Students learn to develop recipes, implement cost controls, apply food safety and achieve a Conference for Food Protection approved Food Safety Manager Certification. General studies courses engage students in critical thinking and communication practices that align with industry expectations. The associate degree includes an internship experience that helps students gain industry experience. Students may engage in the internship experience locally, nationally and internationally if specified requirements are met.

Graduates of the Baking & Pastry Arts associate degree are eligible for entrance into the following Bachelor of Science degree programs: Baking & Pastry Arts, Culinary Arts, Food & Beverage Industry Management, Culinary Nutrition, Culinary Science & Product Development, Food & Beverage Entrepreneurship, Sustainable Food Systems or Business Studies. Certain requirements pertain to each of these bachelor degree programs, which are noted in their respective program descriptions.

## Baking & Pastry Arts

A two-year program leading to an associate degree

### Major Courses

BPA1701	Foundations of Baking and Pastry	3
BPA1710	Principles of Cake Production and Design	3
BPA1720	Plated Desserts	3
BPA1730	Artisan Bread & Viennoiserie I	3
BPA1740	Artisan Bread & Viennoiserie II	3
BPA1750	Chocolate, Confections & Mignardise	3
BPA2710	Advanced Pastry Applications	3
BPA2720	Artisan Cafe	3

### Applied/Experiential Learning

Choose 12 credits from the following:		12
CFIT2699	College of Food Innovation & Technology Intermediate Internship	
Study Abroad <sup>5a</sup>		

### Related Professional Studies

FSM1165	The Food Safety Manager *	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	

ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		3
One ILS course at the 2000 level		
Mathematics		3
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
Science		3
SCI1050	Nutrition	
A&S Electives		3
One course with an EASC attribute		
<b>Total Credits</b>		<b>62.0</b>

\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

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For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Baking & Pastry Arts - B.S.

## Curriculum

The bachelor's degree program in Baking & Pastry Arts is focused on advanced craft-based techniques complemented by the principles and science used in baking and pastry arts. The program integrates professional studies which prepare students for leadership roles within multiple venues of the industry. In the advanced technique laboratory classroom, students are guided in developing their passion and vision as they master the disciplines of their choosing, such as artisan bread and viennoiserie, confections and chocolate production, showpiece work, plated desserts, modern pastries, wedding cakes and formula development, all while maintaining a food-safe environment.

Upon completion of the program, graduates are expected to:

- Modify and develop formulas to create products that are balanced, flavorful and technically sound.
- Produce and present baking and pastry products using classical and contemporary techniques at a professional level.
- Apply FDA-recommended food safety and sanitation principles throughout the flow of the food service operation.
- Prepare, utilize and interpret financial documents related to food service management operations.
- Demonstrate leadership attributes necessary for operating professionally in the food service industry.

In addition to the advanced craft and technique laboratory classes, students engage in professional studies courses in human resources and financial management, resulting in a curriculum that is directly aligned with the leadership needs of industry. General education courses add depth and breadth to professional competencies as students engage in critical thinking, problem-solving and communication strategies that align with industry expectations. Students are encouraged to plan their degree program based on their unique interests and use free electives to further their knowledge in areas such as entrepreneurship, management, design and sustainability.

The bachelor's degree culminates with an advanced internship experience where students continue to refine their pastry skills, placing an emphasis on supervisory skill development and managing resources which assists students in preparing for future careers. Possible internship sites include local, national and international hotels, restaurants, country clubs, resorts, casinos, artisan bakeries, confectionery shops and wedding cake boutiques.

## Baking & Pastry Arts

A four-year program leading to the bachelor of science degree

### Baking Foundations

BPA1701	Foundations of Baking and Pastry	3
BPA1710	Principles of Cake Production and Design	3
BPA1720	Plated Desserts	3
BPA1730	Artisan Bread & Viennoiserie I	3
BPA1740	Artisan Bread & Viennoiserie II	3
BPA1750	Chocolate, Confections & Mignardise	3
BPA2710	Advanced Pastry Applications	3
BPA2720	Artisan Cafe	3

### Major Courses

CULS2210	Food Science	3
FSM3035	Supervision for Food Service Professionals	3
FSM3040	Food Service Financial Systems	3
GDES1020	Design Theory and Practice	3

### Major Electives

Choose 12 credits from the following:		12
BPA3710	Modern Cake & Floral Design	
BPA3720	Advanced Naturally Leavened Breads	
BPA3730	Advanced Viennoiserie and Decorative Breads	
BPA3740	Contemporary Plated Desserts	
BPA3750	Modern Chocolatier & Artisan Bean to Bar	
BPA4710	Advanced Petits Gateaux & Modern Pastry Buffet	
BPA4750	Advanced Chocolate & Sugar Artistry	
CULN2230	Designing Healthy Desserts	

### Applied/Experiential Learning

Choose 12 credits from the following:		12
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CFIT4799	College of Food Innovation & Technology Advanced Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>Sa</sup>		
<b>Related Professional Studies</b>		
CAR0010	Career Management	1
FSM1165	The Food Safety Manager *	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FYS1020	First-Year Seminar	1
<b>A&amp;S Core Experience</b>		
Communication Foundation Courses		
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		
ART3020	Art History	
or PHIL3240	Ethics: A Global Perspective	
One course from a different discipline: ART, HIST, HUM, LIT, PHIL or REL		
Mathematics		
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	6
MATH2001	Statistics I	
Science		
SCI1050	Nutrition	3
Social Sciences		
PSYC1001	Introductory Psychology	6
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		
Two courses with an EASC attribute		
<b>Free Electives #</b>		<b>15</b>
15 credits selected from 1000-4999 numbered offerings within the university		
<b>Total Credits</b>		<b>123.0</b>

\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a



completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Beverage Service Management - MINOR

The Beverage Service Management minor provides students with an opportunity to acquire deeper understanding and expertise in the beverage field. With its required **15 credits** of beverage studies, the minor enables students to further explore their passion for beverages and develop important theoretical and practical competencies needed to pursue leading, internationally recognized, beer, wine and spirits-based certifications.

## Beverage Service Management

Minor

### Courses

FSM2055	Beverage Appreciation *	3
Choose 12 credits from the following: **		12
CUL3020	Foundations of Wine	
CUL3082	Exploring Mead and Honey	
CUL3092	Brewing Arts	
CUL3093	Coffee, Tea, and Non-Alcoholic Beverage Specialist	
CUL3270	Volcanic Island Wines: The Azores and Madeira	
CUL3585	Mediterranean Wine, Spirits and Cheese	
CUL3900	Exploring Ciders and Fruit Wines	
CUL4025	Advanced Wine Studies	
CUL4045	Spirits and Mixology Management	
CUL4416	British Practical Brewing (Study Abroad)	
CUL4460	Advanced Brewing Theory and Analysis	
CUL4955	Old World Wine Exploration (6 credits)	
FSM4070	The Business of Alcohol Distribution, Retail and Sales	
FSM4160	Food and Beverage Strategies and Logistics	
FSM4880	Beverage Operations Management	
<b>Total Credits</b>		<b>15.0</b>

- \* FSM2055 Beverage Appreciation is a required course except for students who have completed CUL1365 Exploring Beverages, CUL2235 Contemporary Service and Restaurant Supervision or CUL2510 Contemporary Restaurant Operations and Management.
- \*\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

## Craft Brewing - MINOR

The College of Food Innovation and Technology offers the Craft Brewing minor, an intensive, concise program designed to give students pursuing any degree the knowledge and skills to successfully enter the craft brewing industry. Students learn advanced brewing theory and the technical skills needed to develop and produce original recipes. Students also develop advanced sensory and laboratory analysis skills, process management, sanitation and packaging, regulatory compliance, and retail and wholesale sales.

### Craft Brewing

Minor

#### Courses \*

CUL3092	Brewing Arts	3
CUL4419	Brewery Operations and Planning	3
CUL4460	Advanced Brewing Theory and Analysis	3
FSM4070	The Business of Alcohol Distribution, Retail and Sales	3
Choose one of the following: **		3
CUL4416	British Practical Brewing (Study Abroad)	
CUL4417	Applied Craft Brewing Capstone	

**Total Credits** 15.0

\* Students who have taken one of the required courses for another minor or major course can substitute a course with a beverage attribute to complete the minor.

\*\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Culinary Arts - A.S.

## Curriculum

The Culinary Arts associate degree program prepares students for careers in food production and other career paths where food production serves as the foundation of success. Culinary laboratory courses focus on the progressive development and practice of culinary craft skills, product identification, and cooking methods, then expands to the study of classical and contemporary techniques and flavor profiles used in the production of the major world cuisines. Students also engage in a dining and beverage service laboratory which complements the kitchen laboratory experience and provides students with a comprehensive food production and service experience.

Upon completion of the program, graduates are expected to:

- Execute professional cooking techniques and skills needed to produce, present and serve quality food and beverages utilizing ingredients and flavor profiles of the major world cuisines.
- Apply sound nutritional practices related to healthful cooking by incorporating traditional ingredients and adapting classical and contemporary techniques to yield products that meet universal recognized federal and private dietary recommendations.
- Apply FDA recommended food safety and sanitation principles to food and beverage products, tools and equipment used throughout the "flow of the food" in food and beverage operations.
- Implement cost control measures to track goods, services and costs through the cycle of cost control and to evaluate revenue and expenses and their effect on profitability.
- Communicate professionally and exhibit appropriate decision making skills with respect for individual and team diversity as it applies to the food and service industry.

Hands-on food production laboratory experiences are paired with professional studies courses resulting in a curriculum that is both dynamic and directly aligned with industry needs. Students learn to develop recipes, implement cost controls, apply food safety standards, and achieve a Conference for Food Protection approved Food Safety Manager Certification. General education courses engage students in critical thinking and communication practices that meet industry expectations.

The associate degree culminates with an internship experience where students gain industry experience which assists in their preparation for future careers. Students may engage in the internship experience at hotels, restaurants, country clubs, resorts, casinos, spas and workplace dining venues, and sites may be local, national or international if specific requirements are met.

Upon graduation, graduates of the program have the opportunity to gain employment in the food service industry or to further their education by continuing on to a Bachelor of Science degree program.

Graduates of the Culinary Arts associate degree program are eligible, or may apply, for entrance into the following Bachelor of Science degree programs: Applied Food Science (Charlotte campus only), Culinary Arts, Culinary Science & Product Development, Culinary Nutrition, Food & Beverage Entrepreneurship, Food & Beverage Industry Management, Sustainable Food Systems or Business Studies. Certain requirements pertain to each of these bachelor degree programs, which are noted in their respective program descriptions.

## Culinary Arts

A two-year program leading to an associate degree

### Major Courses

CUL1100	Introduction to Culinary Skills and Techniques	3
CUL1210	Breakfast & Lunch Cafe	3
CUL1320	Elements of a la Minute Cooking	3
CUL1410	Contemporary Cooking & Leadership Functions	3
CUL2510	Contemporary Restaurant Operations and Management	3
CUL2610	Baking and Pastry Concepts for Culinary Operations	3
CUL2710	Banquets and Catering	3
CUL2810	Global à la Carte	3

### Applied/Experiential Learning

Choose 12 credits from the following: 12

CFIT2799	College of Food Innovation & Technology Intermediate Internship	
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Study Abroad <sup>Sa</sup>

### Related Professional Studies

FSM1165	The Food Safety Manager *	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		3
One ILS course at the 2000 level		
Mathematics		3
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
Science		3
SCI1050	Nutrition	
A&S Elective		3
One course with an EASC attribute		
<b>Total Credits</b>		<b>62.0</b>

\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Culinary Arts - B.S.

## Curriculum

The Culinary Arts bachelor's degree program prepares students for the many careers that evolve from the knowledge of food, food preparation and the need for leadership competency in culinary-focused businesses. The Culinary Arts bachelor's degree provides students with an exceptional program of study that delivers a world-class culinary arts education, opportunities to explore and practice current industry trends, related professional competencies, elective credits within or outside of the major, and a required advanced food-industry experience, complemented by a comprehensive Arts & Sciences Core Experience.

Upon the completion of the program, graduates are expected to:

- Create, execute and evaluate concepts and menus applying professional craft skills and techniques utilizing conscious sourcing to maximize profits while maintaining food integrity.
- Differentiate communication strategies and leadership styles used to effectively lead a globally diverse workforce within culinary-focused businesses.
- Evaluate food safety hazards and implement corrective actions as necessary following the FDA Model Food Code and Hazard Analysis and Critical Control Point (HACCP) principles.
- Critique financial documents related to food cost, labor cost and culinary operations to safeguard an economically sustainable business.

Culinary laboratory classes offered throughout the program provide students with an opportunity to continuously develop their craft, and to develop confidence and coordination working within a professional kitchen. Credentialed faculty share their professional expertise within state-of-the-art culinary laboratories, providing an educational environment that promotes student learning and assists students in achieving their place within the culinary profession.

Professional competencies, presented in the academic classroom and practiced in upper-level laboratory class settings, include financial and human resource management, food safety, self-discipline, effective communication and other attributes necessary to effectively lead teams within food service organizations.

Elective credits, within or outside of the major, allow students to explore diverse topics within the food industry or focus their passion in a specialized area of study. The opportunities are vast and include farm-to-table cookery, baking and pastry, beverage service, brewing, sommelier, nutrition, business, professional communication and more.

One of the highlights of the Culinary Arts bachelor's degree program is the requirement to participate in an advanced industry experience within diverse, domestic or international food service operations. Students work alongside an industry professional in a food service operation, while guided by a university faculty member, allowing students to continue to develop their craft and practice professional competencies.

## Culinary Arts

A four-year program leading to a bachelor of science degree

### Culinary Foundations

CUL1100	Introduction to Culinary Skills and Techniques	3
CUL1210	Breakfast & Lunch Cafe	3
CUL1320	Elements of a la Minute Cooking	3
CUL1410	Contemporary Cooking & Leadership Functions	3
CUL2510	Contemporary Restaurant Operations and Management	3
CUL2610	Baking and Pastry Concepts for Culinary Operations	3
CUL2710	Banquets and Catering	3
CUL2810	Global à la Carte	3

### Major Courses

CUL3131	Chef-Driven Contemporary Casual Concepts	3
CUL3141	Corporate Dining Concepts	3
CUL3151	Chef-Driven Fine Dining Concepts	3
CUL4115	Culinary Capstone: The Professional Kitchen	3

### Applied/Experiential Learning

Choose 12 credits from the following:		12
CFIT4799	College of Food Innovation & Technology Advanced Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>Sa</sup>	

### Related Professional Studies

CAR0010	Career Management	1
FSM1165	The Food Safety Manager <sup>*</sup>	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FSM3035	Supervision for Food Service Professionals	3
FSM3040	Food Service Financial Systems	3
FSM3175	Advanced Food Safety, HACCP and Special Processes	3
FSM3215	Culinary Operations and Facility Management	3
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
SCI1050	Nutrition	
Social Sciences		6
SOC3020	Culture and Food	
One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC or RES		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Electives <sup>#</sup></b>		
15 credits selected from 1000–4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>123.0</b>

\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## **Accelerated Program Options**

### **J2 Program**

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### **Eligibility Criteria:**

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Culinary Nutrition - B.S.

## Curriculum

The Culinary Nutrition bachelor's degree program builds on Johnson & Wales' history of and reputation for high-quality culinary education, and adds both didactic and applied nutrition coursework. The program begins with a focus on the craft of culinary arts or baking and pastry and continues to develop students' culinary skills while introducing the theory of nutrition and culinary science. The program prepares students for careers in restaurants, healthcare and school food service management, athlete dining in collegiate and professional settings, and any field where strong culinary skills and the ability to critically think with nutrition are valued.

Upon completion of the program, graduates are expected to:

- Apply current standard dietary guidelines to menu planning and development.
- Employ evidence-based science and best-practice principles in the creation, modification, management and preparation of specialized diets.
- Ensure food safety and quality standards by managing the flow of food through a food service operation.
- Implement budgetary controls within the food service operation.
- Create appropriate wellness-education programs for a community, work-site or public health environment.

Throughout the Culinary Nutrition program, students learn nutrition theory as applied across the life span, while exploring traditional, alternative and specialized diets. Students develop, analyze and execute nutritionally sound food that not only tastes good but adheres to current dietary guidelines. Both Registered Dietitians and credentialed chefs share their professional expertise in culinary nutrition classes throughout the program.

In addition, culinary skills and nutrition theory are complemented by coursework in both financial and personnel management and sound general studies education. The Culinary Nutrition program culminates with a required advanced internship specific to culinary nutrition where students participate in an industry experience that allows the student to apply academic theory within their chosen specialty.

## Culinary Nutrition

A four-year program leading to the bachelor of science degree

### Foundation Courses

Choose Culinary or Baking & Pastry Arts Foundation 18

### Culinary Arts

CUL1100	Introduction to Culinary Skills and Techniques	
CUL1210	Breakfast & Lunch Cafe	
CUL1320	Elements of a la Minute Cooking	
CUL1410	Contemporary Cooking & Leadership Functions	
CUL2510	Contemporary Restaurant Operations and Management	
CUL2810	Global à la Carte	

### Baking and Pastry

BPA1701	Foundations of Baking and Pastry	
BPA1710	Principles of Cake Production and Design	
BPA1720	Plated Desserts	
BPA1730	Artisan Bread & Viennoiserie I	
BPA1740	Artisan Bread & Viennoiserie II	
BPA1750	Chocolate, Confections & Mignardise	

### Major Courses

CULN1010	An Introduction to the Fields of Food, Food Service and Nutrition	1
CULN2020	Applied Culinary Nutrition	3
CULN2230	Designing Healthy Desserts *	3
or BPA2720	Artisan Cafe	
CULN3155	Vegetarian Cuisine	3
CULN4165	Therapeutic Cuisine	3
CULS2210	Food Science	3
DIET2070	Lifespan Nutrition	3
DIET3080	Community Nutrition	3
FSM3175	Advanced Food Safety, HACCP and Special Processes	3
FSM3215	Culinary Operations and Facility Management	3
Choose one of the following:		
CULN4155	Athletic Performance Cuisine	3
SFS4110	Health & the Harvest	3

### Applied/Experiential Learning

Choose 12 credits from the following:		12
CFIT4799	College of Food Innovation & Technology Advanced Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>5a</sup>		
<b>Related Professional Studies</b>		
CAR0010	Career Management	1
FSM1165	The Food Safety Manager **	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FSM2210	Operational Management in Healthcare	3
FYS1020	First-Year Seminar	1
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts & Humanities		6
HIST3020	A Multicultural History of America	
One course from ART, HUM, LIT, PHIL, or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement) ***	
MATH2010	Introduction to Biostatistics	
Science		3
SCI1050	Nutrition	
Social Sciences		6
PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		6
ENG2010	Introduction to Technical Communication	
One course with an EASC attribute		
<b>Free Electives <sup>#</sup></b>		
12 credits selected from 1000-4999 numbered offerings within the university		12
<b>Total Credits</b>		<b>124.0</b>

- \* Baking and Pastry students must take BPA2720 Artisan Cafe.
- \*\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.
- \*\*\* Students interested in applying for the Dietetics and Applied Nutrition program should consider taking MATH1020 Fundamentals of Algebra (or higher, based on placement).

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a

completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.



# Culinary Science & Product Development - B.S.

## Curriculum

The Culinary Science & Product Development bachelor's degree program integrates food science with culinary arts, preparing students for careers as research chefs and food technologists in product development labs, test kitchens and culinary centers.

Upon completion of the program, graduates are expected to:

- Apply the skills and techniques of culinary arts across a broad range of food products and flavor profiles.
- Design, execute, interpret and report on food science experiments while adhering to appropriate food safety guidelines.
- Use the food development process to create food products to meet the needs of consumers.
- Select appropriate food processing, food analysis and quality assurance techniques and equipment for the manufacturing of food products.

The Culinary Science & Product Development program begins with a focus on culinary or baking and pastry arts. Laboratory classes, offered throughout the program, provide students with an opportunity to continuously develop the craft. Credentialed faculty share professional expertise within state-of-the-art culinary and baking and pastry laboratories, providing an exceptional education for students. Students continue to develop their skills in a culinary or baking and pastry internship during their second year of study.

The program continues with foundational science courses that provide students with knowledge of science and the scientific method. The food product development process is introduced and reinforced in applied culinary science laboratories and the academic classroom. Topics in food regulations, labeling and food analysis prepare students for advanced coursework. Communication and presentation skills, important for succeeding in the product development industry, are stressed throughout the program and supported by an arts and sciences core curriculum.

The curriculum culminates with specifically designed culinary science courses that integrate culinary arts and basic sciences with applied food science coursework, which includes food ingredient technology, product design and development, and a required internship specific to food science, research and development or manufacturing, preparing students for careers within the profession.

## Culinary Science & Product Development

A four-year program leading to the bachelor of science degree

### Foundation Courses

Choose Culinary or Baking & Pastry Arts Foundation 18

### Culinary Arts

CUL1100	Introduction to Culinary Skills and Techniques	
CUL1210	Breakfast & Lunch Cafe	
CUL1320	Elements of a la Minute Cooking	
CUL1410	Contemporary Cooking & Leadership Functions	
CUL2710	Banquets and Catering	
CUL2810	Global à la Carte	

### Baking & Pastry Arts

BPA1701	Foundations of Baking and Pastry	
BPA1710	Principles of Cake Production and Design	
BPA1720	Plated Desserts	
BPA1730	Artisan Bread & Viennoiserie I	
BPA1740	Artisan Bread & Viennoiserie II	
BPA1750	Chocolate, Confections & Mignardise	

### Major Courses

CULS2010	Introduction to Food Product Development	3
CULS2210	Food Science	3
CULS3015	Food Ingredient Technology	3
CULS3025	Food Processing	3
CULS4035	Food Product Design and Development	3
ENG2010	Introduction to Technical Communication	3

### Applied/Experiential Learning

CFIT2799	College of Food Innovation & Technology Intermediate Internship <sup>1c</sup>	6
or CFIT2699	College of Food Innovation & Technology Intermediate Internship	
CFIT4799	College of Food Innovation & Technology Advanced Internship <sup>*</sup>	12

### Related Professional Studies

BIO2201 & BIO2206	General Microbiology and General Microbiology Laboratory	4
CAR0010	Career Management	1
CHM1000 & CHM1006	Foundations in Chemistry and Foundations in Chemistry Laboratory	4
FSM1165	The Food Safety Manager <sup>**</sup>	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts & Humanities		6
HIST3020	A Multicultural History of America	
One course from ART, HUM, LIT, PHIL, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
SCI1050	Nutrition	
Social Sciences		6
ECON1001	Macroeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
CHM2050	Introduction to Organic Chemistry	
SCI1015	Introduction to Life Science	

### Free Electives<sup>#</sup>

12 credits selected from 1000-4999 numbered offerings within the university 12

**Total Credits 122.0**

\* Students in the culinary science program must complete an internship in food science, research and development, or manufacturing.

\*\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

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Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Culinary Sustainability - MINOR

For students and chefs who want to make a difference and be a part of the sustainability movement, the Culinary Sustainability minor is designed for them. In this area of study, students explore their local food web to meet food growers, producers and fishermen/women to learn about food system issues such as human effects on ecological systems, climate change, energy usage, animal welfare, growing conditions, the environment and society. In the kitchen, students consider solutions to these issues as they design, purchase and produce sustainably driven menus and artisan products at a high level. In the community, they learn about impacts on food policy while implementing strategic plans for organizations. Skills and concepts learned in this minor afford students the tools needed to become change agents in an industry in need of transformation.

### Culinary Sustainability

#### Minor

SFS3001	Sustainability in the Culinary Kitchen	3
SFS4001	Cultivating Local Food Systems	3
Choose three of the following: *		9
SFS3002	Ancient Grains and Hearth Breads	
SFS3144	Farm to Table Desserts	
SFS3200	Plant-Based Cuisine	
SFS3300	Conscious Cuisine	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Food & Beverage Entrepreneurship - B.S.

## Curriculum

The Food & Beverage Entrepreneurship bachelor's degree program allows students the opportunity to study an integrated mix of food and/or beverage courses, entrepreneurial and business classes, and a variety of experiential opportunities both inside and outside of the classroom. This program prepares students for careers as innovators creating and managing food-and/or beverage-related small businesses and start-ups or to work as a proponent of intrapreneurship and innovators within existing organizations. Students begin their studies focused on the craft of food, exploring and developing their passion, and then expand their focus into business and entrepreneurship studies. Throughout the course of study, students learn what it takes to begin their own food and/or beverage venture that includes developing a business plan, resource management, finance, marketing, leadership and innovation. Opportunities exist for students to engage in internship or study abroad.

Upon completion of the program, graduates are expected to:

- Evaluate human, financial and other resources in the entrepreneurial ecosystem that support or inhibit new ventures.
- Communicate effectively to diverse audiences, regarding different purposes and situations, through a variety of professional methods.
- Apply ethical principles in response to common entrepreneurial decisions and challenges.
- Develop a business plan for an innovative product or service in a food or beverage-related market.
- Analyze the sources of funding available for food and beverage-related ventures and use decision support tools to determine effective structures for early-stage investments.

## Food & Beverage Entrepreneurship

A four-year program leading to the bachelor of science degree

### Foundation Courses

Choose Culinary Arts or Baking & Pastry Arts Foundation 18

### Culinary Arts

CUL1100	Introduction to Culinary Skills and Techniques	
CUL1210	Breakfast & Lunch Cafe	
CUL1320	Elements of a la Minute Cooking	
CUL1410	Contemporary Cooking & Leadership Functions	
CUL2510	Contemporary Restaurant Operations and Management	
CUL2610	Baking and Pastry Concepts for Culinary Operations	

### Baking & Pastry Arts

BPA1701	Foundations of Baking and Pastry	
BPA1710	Principles of Cake Production and Design	
BPA1720	Plated Desserts	
BPA1730	Artisan Bread & Viennoiserie I	
BPA1750	Chocolate, Confections & Mignardise	
BPA2720	Artisan Cafe	

### Major Courses

ENTR2001	Introduction to Entrepreneurship	3
ENTR2030	Pitching & Planning New Ventures	3
ENTR3015	Small Business Management	3
ENTR3030	Marketing for Entrepreneurs	3
ENTR4010	Change and Innovation Management	3
ENTR4055	Entrepreneurship Seminar	3
FSM3035	Supervision for Food Service Professionals	3
FSM3040	Food Service Financial Systems	3
FSM3215	Culinary Operations and Facility Management	3
LAW2001	The Legal Environment of Business I	3

### Major Electives \*

Choose 12 credits of the following: 12

Any 3000 level or higher course offered from the College of Food Innovation & Technology or Entrepreneurship courses (ENTR subject code)		
BPA1740	Artisan Bread & Viennoiserie II	
BPA2710	Advanced Pastry Applications	
CFIT2699	College of Food Innovation & Technology Intermediate Internship (6-12 credits)	
CFIT2799	College of Food Innovation & Technology Intermediate Internship (6-12 credits)	
CUL2710	Banquets and Catering	
CUL2810	Global à la Carte	

CULN2414	Cooking for Health and Wellness	
CULS2010	Introduction to Food Product Development	
CULS2210	Food Science	
ENG3210	Food Media Presentation Skills	
<b>Related Professional Studies</b>		
CAR0010	Career Management	1
FSM1165	The Food Safety Manager **	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FYS1020	First-Year Seminar	1
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts & Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
SCI1050	Nutrition	
Social Sciences		6
ECON1002	Microeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
One course with an EASC attribute		
<b>Free Electives #</b>		
15 credits selected from 1000-4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>123.0</b>

- \* Students pursuing an associate degree in Culinary Arts or Baking & Pastry Arts must complete 12 credits of experiential learning.
- \*\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

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## Accelerated Program Options

### J2 Program

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**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Food Innovation & Technology - M.S.

The Food Innovation & Technology master's degree program explores the complexities of a global food system. The program provides an opportunity for students to analyze the impact food has on people, industries and the environment. Students employ disruptive models and technologies to challenge existing systems, products and processes, developing innovative solutions that address systemic issues.

Upon completion of the program, graduates are expected to:

- Analyze the global relationship between food, society, business, government, and the environment.
- Propose solutions to systemic food system issues that consider the perspective of all users and the potential impact to the food system.
- Organize collaborative diverse teams dedicated to solving systemic food system issues.
- Disseminate empirical research findings.

## Food Innovation & Technology

Master of Science

### Prerequisite Course \*

LAW2001	The Legal Environment of Business I	3
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### Core Courses

FOOD5030	Shaping the Future of Food	3
FOOD6030	Food Innovation & Technology Capstone	3
HSC6110	Epidemiology and Food Safety **	3
IDES5030	Food Systems Design Methodology	3
LAW5410	Food Law and Policy **	3
MGMT5800	Effective Leadership	3
MGMT5575	Operations Management	3
MGMT6310	Designing & Managing Supply Chains	3
RSCH5700	Research and Inquiry	3
SOC5030	The Global Food System	3

**Total Credits** **30.0-33.0**

\* Prerequisite courses must be completed prior to or concurrently with core courses.

\*\* Course may be offered online only.

# Professional Craft Brewing - Certificate

The Professional Craft Brewing certificate program is designed for working professionals or hobbyists looking to enter the craft brewing industry, to advance within their professional roles, or to open their own craft brewery. The program's mix of coursework provides students with a broad understanding of the issues facing the craft brewing industry, detailed knowledge of brewing theory, and hands-on experience working in commercial craft breweries.

Upon successful completion of the initial courses, students have the opportunity to apply their theoretical brewing knowledge in real-world settings, and to develop, craft and serve their own original recipes. Individual courses provide the preparation to sit for a variety of internationally recognized industry certifications, and the entirety of the certificate program prepares students to sit for the Institute of Brewing and Distilling's "General Certificate in Brewing," an NVQ level 3 achievement.

With the successful completion of the certificate, students are able to demonstrate the ability to design, formulate and brew beer recipes that meet generally accepted standards and reflect the characteristics of primary beer styles. This certificate prepares candidates for a career in a variety of entry-level positions within mid-sized breweries, or assistant brewer positions within smaller breweries, across the industry. This program serves to enhance advancement and development of opportunities for those already in the field, or to provide a means for avid home brewers to hone their knowledge and skills to enter the industry professionally.

**NOTE:** Students who enroll in this certificate program are ineligible for financial aid. Veterans may be eligible to apply benefits towards tuition and fees. Contact the Financial Planning office for options. Costs for this program do not include any additional costs or fees, such as travel or supplies.

## Professional Craft Brewing

A 15 semester-credit-hour program leading to the Professional Craft Brewing Certificate

Courses		
CUL3092	Brewing Arts *	3
CUL4419	Brewery Operations and Planning	3
CUL4460	Advanced Brewing Theory and Analysis	3
FSM4070	The Business of Alcohol Distribution, Retail and Sales	3
Choose 3 credits from the following:		3
CUL4416	British Practical Brewing (Study Abroad)	
CUL4417	Applied Craft Brewing Capstone	
CFIT4799	College of Food Innovation & Technology Advanced Internship	
<b>Total Credits</b>		<b>15.0</b>

\* Students who have successfully passed the Certified Beer Server (Level 1 Cicerone) exam, or who can demonstrate sufficient knowledge and experience through a departmental challenge exam, may be eligible to substitute a course with a beverage attribute for this prerequisite foundations course. The challenge exam will incur an exam fee, assess both written and practical sensory skills, and must be scheduled in advance.

# Sommelier Management - MINOR

The College of Food Innovation & Technology offers a Sommelier Management minor (15 credits) that strengthens the qualifications of graduates preparing for management careers in the beverage industry. The minor is intended to provide students with the skills and expertise to enhance their major field of studies, particularly in food service management or restaurant management. The added beverage specialization will develop students' abilities to effectively analyze, serve, sell, market and manage commercially important beverages, especially wine and spirits. There is a focus on food pairing principles, beverage menu development, server staff training, costing methodologies and inventory control systems for the purchase, storage, distribution and sales of beverages.

## Sommelier Management

### Minor

#### Courses

CUL3020	Foundations of Wine	3
CUL4025	Advanced Wine Studies	3
CUL4185	Sommelier Capstone	3
Choose 6 credits from the following: *		6
CUL3030	Exploring Cheese	
CUL3082	Exploring Mead and Honey	
CUL3092	Brewing Arts	
CUL3093	Coffee, Tea, and Non-Alcoholic Beverage Specialist	
CUL3270	Volcanic Island Wines: The Azores and Madeira **	
CUL3585	Mediterranean Wine, Spirits and Cheese **	
CUL3900	Exploring Ciders and Fruit Wines	
CUL4045	Spirits and Mixology Management	
CUL4416	British Practical Brewing **	
CUL4955	Old World Wine Exploration (6 credits) **	
FSM4070	The Business of Alcohol Distribution, Retail and Sales	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

\*\* Study abroad course

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.



# Sustainable Food Systems - B.S.

## Curriculum

The bachelor's degree in Sustainable Food Systems is designed for ecologically-minded students who want to join the wave of change to transform industrial food systems into more resilient, self-renewing, dynamic networks for local to global communities, economies and environments. The program explores the local food web through farm and dock visits and cooking in the professional kitchen while investigating food literacy, culture, public health and food policy. Emphasis is placed on examining the local food web, social structures, and supply chains in relation to the economic realities of food production. A host of free elective credits give students the ability to focus on and further explore areas of environmental sustainability, policy and advocacy, culinary sustainability, public health, supply chain management or writing for development. This experientially-based program takes place at the intersection of social food justice, environmental protection, economic sovereignty and policy, and provides an interdisciplinary framework for students to explore their local food web from diverse perspectives.

Upon the completion of the program, graduates are expected to:

- Analyze the effects of change and policy on food systems.
- Apply agricultural food production, sustainable food practices and cuisine concepts to food system issues.
- Advocate for sustainable food systems to various audiences.
- Propose solutions to issues related to the sustainability of food systems.

## Sustainable Food Systems

A four-year program leading to the bachelor of science degree

### Foundation Courses

Choose Culinary or Baking & Pastry Foundation 12

#### Culinary

CUL1100	Introduction to Culinary Skills and Techniques (Foundation Courses)	
CUL1210	Breakfast & Lunch Cafe	
CUL1320	Elements of a la Minute Cooking	
CUL1410	Contemporary Cooking & Leadership Functions	

#### Baking and Pastry (21 credits)\*

BPA1701	Foundations of Baking and Pastry	
BPA1710	Principles of Cake Production and Design	
BPA1720	Plated Desserts	
BPA1730	Artisan Bread & Viennoiserie I	
BPA1740	Artisan Bread & Viennoiserie II	
BPA1750	Chocolate, Confections & Mignardise	
BPA2720	Artisan Cafe	

### Major Courses

SFS1001	Introduction to Food Systems	3
SFS2110	Culinary Science, Nutrition & Sensory Analysis	3
SFS2210	Cooking from the Farmstand	3
SFS2410	Growing for the Menu	3
SFS2411	Cooking for Regenerative Foodways	3
SFS3001	Sustainability in the Culinary Kitchen	3
SFS4110	Health & the Harvest	3
SFS4280	Capstone Seminar in Sustainable Food Systems	3

### Applied/Experiential Learning

Choose 12 credits from the following: \*\* 12

CFIT4799	College of Food Innovation & Technology Advanced Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>SA</sup>	

### Related Professional Studies

CAR0010	Career Management	1
FSM1165	The Food Safety Manager ***	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FYS1020	First-Year Seminar	1
HSC1230	Introduction to Public Health	3

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts & Humanities		6

PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
SCI1050	Nutrition	
Social Sciences		6
SOC3020	Culture and Food	
One course from ANTH, ECON, GEND, LEAD, PSCI, PSYC or RES		
A&S Electives		6
PSCI1001	Introduction to Political Science	
SCI1010	Environmental Science	
<b>Free Electives**</b>		
24 credits selected from 1000-4999 numbered offerings within the university****		24
<b>Total Credits</b>		<b>123.0</b>

- \* Students choosing Baking and Pastry Arts Foundation courses will use 9 credits of free electives towards the baking lab requirements and have 15 credits of free electives required.
- \*\* Students in the Sustainable Food Systems program must complete an Applied Experiential Education experience relevant to their area of study in sustainable food systems, including: food production, supply chain management, public health, policy and advocacy, or other related field.
- \*\*\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.
- \*\*\*\* Students may choose to enhance their major by selecting from minors such as Culinary Sustainability, Environmental Sustainability, or Public Health; or courses within one or more of the areas of focus below; or work with an adviser to design their own experience. Students are responsible for meeting prerequisites.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>SA</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

<b>Policy &amp; Advocacy Focus</b>		<b>This focus is only offered at the Providence Campus</b>
PSCI2050	Political Communications	3
PSCI2100	Comparative Politics and Government	3
PSCI3300	Politics of Food, Human Security and Social Justice	3
PSCI3350	Political Parties, Social Movements and Interest Groups	3
PSCI4100	Issues in Political Theory: The Politics of Human Rights in Global Perspective	3
<b>Total Credits</b>		<b>15.0</b>

<b>Writing for Development Focus</b>		<b>This focus is only offered at the Providence Campus</b>
ENG2010	Introduction to Technical Communication	3
ENG3010	Technical Editing	3
ENG3016	Advanced Business Communication	3
<b>Total Credits</b>		<b>9.0</b>

<b>Supply Chain Management Focus</b>		<b>This focus is only offered at the Providence Campus</b>
FIT1040	Spreadsheet Design for Business Solutions	3
MGMT2030	Operations and Supply Chain Management I	3
MGMT3035	Operations and Supply Chain Management II	3
MGMT3040	Process and Quality Management	3
MGMT3045	Logistics	3
or		
MGMT4050	Contemporary Issues in Operations and Supply Chain Management Strategy	3
<b>Total Credits</b>		<b>18.0</b>

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# College of Health & Wellness

## Undergraduate

- **Bachelor of Science (B.S.) Degree**
  - Dietetics and Applied Nutrition (p. 183)
  - Exercise and Sports Science (p. 186)
  - Health Science (p. 188)
  - Healthcare Administration (p. 106)
  - Public Health (p. 194)
- **Bachelor of Science in Nursing (B.S.N.) Degree**
  - Nursing (p. 190)
- **Combined Degrees**
  - Combined Degrees: Healthcare Administration B.S./Public Health M.P.H. (p. 175)
  - Combined Degrees: Health Science B.S./Occupational Therapy O.T.D. (p. 177)
  - Combined Degrees: Health Science B.S./Public Health M.P.H. (p. 179)
  - Combined Degrees: Public Health B.S./Public Health M.P.H. (p. 181)
- **Minor**
  - Nutrition (p. 191)
  - Public Health (p. 196)

## Graduate

- **Master of Public Health (M.P.H.)**
  - Public Health (p. 197)
- **Master of Science (M.S.)**
  - Clinical Nutrition & Dietetics (p. 174)
- **Master of Science in Physician Assistant Studies (M.S.P.A.S.)**
  - Physician Assistant Studies (p. 193)
- **Doctor of Physical Therapy (D.P.T.)**
  - Doctor of Physical Therapy (p. 185)
- **Occupational Therapy Doctorate (O.T.D.)**
  - Occupational Therapy Doctorate (p. 192)

# Clinical Nutrition & Dietetics - M.S.

The innovative 16-month Master of Science in Clinical Nutrition & Dietetics hybrid program serves students who have earned a bachelor's degree and have completed the required prerequisites. It has been granted candidacy status by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics and meets requirements set forth for students seeking RD/RDN credentialing. Each new cohort begins in the fall semester and completes the program at the end of the next fall semester.

The program builds upon Johnson & Wales University's tradition of hosting strong culinary nutrition and nutrition and dietetics programs. Students take courses in nutrition and health wellness, research and inquiry, grantsmanship, nutrition education and counseling, current topics in nutrition, advanced medical nutrition, culinary nutrition and foodservice management, and clinical supervised experiential learning with emphasis on interprofessional collaboration. This hands-on experience includes at least 1,000 hours of supervised and alternative experiential learning.

Upon completion of the program requirements, students receive a Master of Science in Clinical Nutrition & Dietetics and verification statement to confirm their eligibility to take the Commission on Dietetic Registration credentialing exam to become a Registered Dietitian/Registered Dietitian Nutritionist (RD/RDN).

Upon completion of the program, graduates are expected to:

- Leverage comprehensive and science-based expertise in the nutrition and dietetics fields to educate appropriate stakeholders.
- Integrate client/patient-centered principles and competent nutrition and dietetics practice to ensure positive outcomes.
- Oversee and implement food systems management skills and principles to ensure safe and efficient food production and delivery.
- Customize evidence-based, nutrition-focused programming and political advocacy to support positive outcomes for diverse communities/populations.
- Use leadership, business management, and continuous quality improvement principles to guide practice and achieve operational goals.
- Integrate evidence-informed practice, research principles, and critical thinking into practice.
- Demonstrate professional behaviors and effective communication in nutrition and dietetics interactions.

## Clinical Nutrition & Dietetics

### Master of Science

#### Foundation Courses \*

DIET5030	Introduction to Dietetics I **	3
DIET5060	Introduction to Dietetics II **	3

#### Core Courses

DIET5350	Nutrition for Health & Wellness Experience	3
DIET5550	Nutritional Counseling and Education Experience	3
DIET5600	Culinary Nutrition and Food Service Management	5
DIET5700	Current Topics in Nutrition Seminar **	1
DIET6150	Clinical Supervised Practice Experience I	3
DIET6450	Clinical Supervised Practice Experience II	9
NUTR5100	Macronutrients in Human Nutrition **	3
NUTR5200	Micronutrients in Human Nutrition **	3
NUTR5300	Nutrition for Health and Wellness **	3
NUTR5500	Nutritional Counseling and Education **	3
NUTR6100	Advanced Clinical Nutrition **	3
NUTR6200	Grantsmanship and Publication **	3
NUTR6900	Nutrition Capstone **	3
RSCH5700	Research and Inquiry **	3

**Total Credits** **48.0-54.0**

\* Foundation courses are required for students without a DPD verification statement.

\*\* Courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

# Combined Degrees: Healthcare Administration B.S./Public Health M.P.H.

## Curriculum

The College of Health & Wellness offers students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Healthcare Administration B.S./Public Health M.P.H. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. degree in Healthcare Administration and a Master of Public Health degree in as little as five years.

Qualified students are able to complete five core Master of Public Health graduate courses that will count toward their undergraduate Healthcare Administration degree. Visit the Healthcare Administration B.S. degree and Master of Public Health degree program pages for program descriptions and outcomes.

### Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Healthcare Administration B.S./Public Health M.P.H. program should apply directly for the program by the end of their second year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Healthcare Administration B.S./Public Health M.P.H. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application.

### Healthcare Administration

A four-year program leading to the bachelor of science degree

#### Major Courses

HSC1010	Introduction to Health Professions	1
HSC1230	Introduction to Public Health	3
HSC2310	Introduction to Healthcare in the United States	3
HSC2330	Healthcare Organizational Theory and Management	3
HSC2400	Research Methods for Health Science	3
HSC3300	Comparative Healthcare Systems	3
HSC3410	Quality Improvement in Healthcare Organizations	3
HSC3430	Healthcare Research Ethics	3
HSC4100	Health Policy, Ethics and the Law	3
HSC4310	Innovations in Healthcare Finance and Delivery Systems	3
HSC4900	Data and Evidence in Health: Research Capstone	3

#### Applied/Experiential Learning

Choose 3 credits from the following:		3
CHW4799	College of Health & Wellness Internship <sup>lc</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>Sa</sup>	

#### Related Professional Studies

ACCT1210	Financial Accounting	3
ACCT1220	Managerial Accounting	3
CAR0010	Career Management	1
DMSM2025	Introduction to Data Visualization	3
DMSM2050	Spreadsheets for Data Analysis	3
ECON1001	Macroeconomics	3
ECON1002	Microeconomics	3
ECON3030	Managerial Economics	3
FISV2000	Finance	3
FIT1040	Spreadsheet Design for Business Solutions	3
FYS1020	First-Year Seminar	1
MRKT1001	Marketing Foundations	3

#### A&S Core Experience

Communication Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts & Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra	
MATH2010	Introduction to Biostatistics	
Science		3

SCI1050	Nutrition	
Social Sciences		6
PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		
<b>Graduate Courses*</b>		
HSC5020	Foundations of Public Health	3
HSC5080	Health and Healthcare**	3
HSC5120	Health Trends	3
HSC5150	Chronic Disease Prevention and Control	3
HSC5220	Insights into Vulnerable Populations	3
<b>Total Credits</b>		<b>123.0</b>

\* Students use 3 credits from Applied/Experiential Learning and 12 free elective credits for graduate-level courses in the Public Health M.P.H. during their fourth year.

\*\* Course may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

<sup>lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

### Public Health

#### Master of Public Health (MPH)

HSC5020	Foundations of Public Health <sup>†</sup>	3
HSC5080	Health and Healthcare <sup>††</sup>	3
HSC5100	Healthy Planet	3
HSC5120	Health Trends <sup>†</sup>	3
HSC5150	Chronic Disease Prevention and Control <sup>†</sup>	3
HSC5180	Discrimination and Health	3
HSC5220	Insights into Vulnerable Populations <sup>†</sup>	3
HSC5260	Advocating for Healthier Diets <sup>‡</sup>	3
HSC5290	Combatting Infectious Disease	3
HSC5320	Cultural Competency to Improve Health	3
HSC5350	Diversity, Equity and Inclusion <sup>‡</sup>	3
HSC5380	Policy of Addiction	3
HSC5420	Community Organizing	3
HSC6120	Improving Community Health	3
HSC6920	Public Health Capstone	3
<b>Total Credits</b>		<b>45.0</b>

<sup>†</sup> These graduate courses fulfill the bachelor of science requirements in the fourth year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.

<sup>‡</sup> Courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external

scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## **Admissions Requirements**

### **Undergraduate**

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Combined Degrees: Health Science B.S./ Occupational Therapy O.T.D.

## Curriculum

The College of Health & Wellness offers students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Health Science B.S./Occupational Therapy O.T.D. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. degree in Health Science and an OTD in as little as six years.

Qualified students are able to complete nine core Occupational Therapy doctoral courses that will count toward their undergraduate Health Sciences degree. Visit the Health Science B.S. degree and Occupational Therapy O.T.D. degree program pages for program descriptions and outcomes.

## Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Health Science B.S./Occupational Therapy O.T.D. program should apply directly for the program by November 15 of third year through the Centralized Application Service for Occupational Therapy Programs (OTCAS) system. Qualified students who elect the Combined Degrees: Health Science B.S./Occupational Therapy O.T.D. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended doctoral program and complete a graduate program application. If admitted to the OTD program, students will begin graduate study in the summer between their third and fourth year.

## Health Science

A four-year program leading to a bachelor of science degree

### Major Courses

BIO1011	General Biology - Cellular	3
BIO1016	General Biology Laboratory - Cellular	1
BIO1022	General Biology - Organismal	3
BIO1026	General Biology Laboratory - Organismal	1
BIO2003	Human Anatomy and Physiology I	3
BIO2006	Human Anatomy and Physiology I Laboratory	1
BIO2013	Human Anatomy and Physiology II	3
BIO2016	Human Anatomy and Physiology II Laboratory	1
HSC1010	Introduction to Health Professions	1
HSC1100	Determinants of Health	3
HSC1230	Introduction to Public Health	3
HSC2100	Epidemiology	3
HSC2400	Research Methods for Health Science	3
HSC4900	Data and Evidence in Health: Research Capstone	3

### Applied/Experiential Learning

Choose 6 credits from the following		6
CHW4799	College of Health & Wellness Internship <sup>lc</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>Sa</sup>		

### Related Professional Studies

CAR0010	Career Management	1
CHM1000	Foundations in Chemistry	3
CHM1006	Foundations in Chemistry Laboratory	1
CULN2414	Cooking for Health and Wellness	3
FYS1020	First-Year Seminar	1

### Arts and Science Core Experience

Communications Foundations Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra	
MATH2010	Introduction to Biostatistics	
Science		3
SCI1050	Nutrition	
Social Sciences		6
PSYC1001	Introductory Psychology	

One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Electives<sup>#</sup></b>		
8-9 credits selected from 1000-4999 numbered offerings within the university.		8-9
<b>Doctoral Courses<sup>*</sup></b>		
OTD7015	Foundations of Occupational Therapy	3
OTD7030	Human Occupations and Participation Across the Lifespan	2
OTD7070	Introduction to Fieldwork	1
OTD7110	Kinesiology	4
OTD7130	Occupational Therapy Assessment and Theory Across the Life Span	3
OTD7160	Human Conditions I	3
OTD7170	Occupational Performance and Participation in Groups	3
OTD7190	Research I	3
OTD8220	Research II	3
<b>Total Credits</b>		<b>122.0-123.0</b>

\* Students use 17 credits from major electives, 4 credits from related professional studies and 4 free elective credits for doctoral-level courses in the Occupational Therapy O.T.D. during their fourth year.

<sup>lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

## Occupational Therapy Doctorate

### Occupational Therapy Doctorate (OTD)

#### Core Courses

OTD7015	Foundations of Occupational Therapy	3
OTD7030	Human Occupations and Participation Across the Lifespan	2
OTD7060	Occupational Perspective on Health	3
OTD7070	Introduction to Fieldwork	1
OTD7110	Kinesiology	4
OTD7130	Occupational Therapy Assessment and Theory Across the Life Span	3
OTD7160	Human Conditions I	3
OTD7170	Occupational Performance and Participation in Groups	3
OTD7190	Research I	3
OTD7210	Neuroscience	4
OTD7260	Human Conditions II	3
OTD8140	Healthcare Systems and Policy	3
OTD8215	Introduction to Capstone I	2
OTD8220	Research II	3
OTD8235	Occupational Therapy Practice I	5
OTD8280	Level IA Fieldwork	1
OTD8310	Leadership and Advocacy	3
OTD8320	Research III	3
OTD8330	Theoretical and Clinical Reasoning in Context	3
OTD8345	Occupational Therapy Practice II	5
OTD8380	Level IB Fieldwork	1
OTD8395	Program Development and Grant Writing	2
OTD8420	Technology and Innovation in Occupational Therapy	2
OTD8455	Occupational Therapy Practice III	5
OTD8480	Level IC Fieldwork	1
OTD8520	Introduction to Capstone II	3
OTD8540	Contemporary Concepts in Occupational Therapy	2
OTD8560	Teaching and Learning in Occupational Therapy	2
OTD8660	Occupational Therapy Practice IV	5
OTD8720	Level ID Fieldwork	1
OTD9810	Level IIA Fieldwork	9
OTD9860	Level IIB Fieldwork	9
OTD9910	Doctoral Capstone Project	3

**Total Credits****115.0**

The Johnson & Wales University entry-level occupational therapy doctoral (OTD) degree program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, Maryland 20852-4929. ACOTE's telephone number c/o AOTA is (301) 652-AOTA and its web address is [ACOTEonline.org](http://ACOTEonline.org).

Graduates of the program will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT).

After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Science programs require students to have successfully completed Chemistry or higher level science. Students who apply for admission and do not meet the requirements will be reviewed for admission into another science program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.



# Combined Degrees: Health Science B.S./ Public Health M.P.H.

## Curriculum

The College of Health & Wellness offers students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Health Science B.S./Public Health M.P.H. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. degree in Health Science and a Master of Public Health degree in as little as five years.

Qualified students are able to complete five core Master of Public Health graduate courses that will count toward their undergraduate Health Science degree. Visit the Health Science B.S. degree and Master of Public Health degree program pages for program descriptions and outcomes.

### Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Health Science B.S./Public Health M.P.H. program should apply directly for the program by the end of their second year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Health Science B.S./Public Health M.P.H. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application.

### Health Science

A four-year program leading to the bachelor of science degree

#### Major Courses

BIO1011	General Biology - Cellular	3
BIO1016	General Biology Laboratory - Cellular	1
BIO1022	General Biology - Organismal	3
BIO1026	General Biology Laboratory - Organismal	1
BIO2003	Human Anatomy and Physiology I	3
BIO2006	Human Anatomy and Physiology I Laboratory	1
BIO2013	Human Anatomy and Physiology II	3
BIO2016	Human Anatomy and Physiology II Laboratory	1
HSC1010	Introduction to Health Professions	1
HSC1100	Determinants of Health	3
HSC1230	Introduction to Public Health	3
HSC2100	Epidemiology	3
HSC2400	Research Methods for Health Science	3
HSC4900	Data and Evidence in Health: Research Capstone	3

#### Major Electives

Choose 11-12 credits from the following: BIO, CHM, ESS, HSC, PHYS, PSYC, SCI, SOC <sup>\*</sup> 11-12

#### Applied/Experiential Learning

Choose 6 credits from the following:		6
CHW4799	College of Health & Wellness Internship <sup>lc</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>5a</sup>		

#### Related Professional Studies

CAR0010	Career Management	1
CHM1011	General Chemistry I	3
CHM1016	General Chemistry I Laboratory	1
CHM1022	General Chemistry II	3
CHM1026	General Chemistry II Laboratory	1
CULN2414	Cooking for Health and Wellness	3
FYS1020	First-Year Seminar	1

#### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1030	Precalculus <sup>**</sup>	
MATH2010	Introduction to Biostatistics	
Science		3
SCI1050	Nutrition	
Social Sciences		6

PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		
<b>Free Electives</b> <sup>#</sup>		
3 credits selected from 1000-4999 numbered offerings within the university		3
<b>Graduate Courses</b> <sup>***</sup>		
HSC5020	Foundations of Public Health	3
HSC5080	Health and Healthcare <sup>****</sup>	3
HSC5120	Health Trends	3
HSC5150	Chronic Disease Prevention and Control	3
HSC5220	Insights into Vulnerable Populations	3
<b>Total Credits</b>		<b>122.0-123.0</b>

- \* Students selecting to focus in Occupational Therapy, Physical Therapy or Physician Assistant should consult with their faculty advisor prior to registration.
- \*\* Students that do not place in MATH1030 Precalculus, will need to take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this will count as an A&S elective.
- \*\*\* Students use 6 credits from major electives and 9 free elective credits for graduate-level courses in the Public Health M.P.H. during their fourth year.
- \*\*\*\* Course may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

<sup>lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

### Public Health

#### Master of Public Health (MPH)

HSC5020	Foundations of Public Health <sup>†</sup>	3
HSC5080	Health and Healthcare <sup>††</sup>	3
HSC5100	Healthy Planet	3
HSC5120	Health Trends <sup>†</sup>	3
HSC5150	Chronic Disease Prevention and Control <sup>†</sup>	3
HSC5180	Discrimination and Health	3
HSC5220	Insights into Vulnerable Populations <sup>†</sup>	3
HSC5260	Advocating for Healthier Diets <sup>‡</sup>	3
HSC5290	Combatting Infectious Disease	3
HSC5320	Cultural Competency to Improve Health	3
HSC5350	Diversity, Equity and Inclusion <sup>‡</sup>	3
HSC5380	Policy of Addiction	3
HSC5420	Community Organizing	3
HSC6120	Improving Community Health	3
HSC6920	Public Health Capstone	3
<b>Total Credits</b>		<b>45.0</b>

<sup>†</sup> These graduate courses fulfill the bachelor of science requirements in the fourth year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.

<sup>‡</sup> Courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## **Admissions Requirements**

### **Undergraduate**

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Science programs require students to have successfully completed Chemistry or higher level science. Students who apply for admission and do not meet the requirements will be reviewed for admission into another science program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Combined Degrees: Public Health B.S./ Public Health M.P.H.

## Curriculum

The College of Health & Wellness offers students an opportunity to earn both their undergraduate and graduate degrees through its Combined Degrees: Public Health B.S./Public Health M.P.H. program. This program enables qualified students to earn, in a continuous plan of study, both a B.S. degree in Public Health and a Master of Public Health degree in as little as five years.

Qualified students are able to complete five core Master of Public Health graduate courses that will count toward their undergraduate Public Health degree. Visit the Public Health B.S. degree and Master of Public Health degree program pages for program descriptions and outcomes.

### Requirements

Eligible undergraduate students who would like to pursue the Combined Degrees: Public Health B.S./Public Health M.P.H. program should apply directly for the program by the end of their second year to take maximum advantage of this accelerated option. Qualified students who elect the Combined Degrees: Public Health B.S./Public Health M.P.H. program as an undergraduate student must fulfill all admissions requirements (p. 357) for entrance into the intended graduate program and complete a graduate program application.

### Public Health

A four-year program leading to a bachelor of science degree

#### Major Courses

CULN2414	Cooking for Health and Wellness	3
HSC1010	Introduction to Health Professions	1
HSC1100	Determinants of Health	3
HSC1230	Introduction to Public Health	3
HSC2100	Epidemiology	3
HSC2130	Mindfulness for Health & Wellbeing	3
HSC2230	Introduction to Global Health	3
HSC2400	Research Methods for Health Science	3
HSC3300	Comparative Healthcare Systems	3
HSC4100	Health Policy, Ethics and the Law	3
HSC4900	Data and Evidence in Health: Research Capstone	3
PSYC2002	Abnormal Psychology	3
SCI1015	Introduction to Life Science	3
SCI2020	Introduction to Exercise Physiology	3
SCI2031	Anatomy and Physiology	3

#### Major Electives

Choose 9 credits from the following: BIO, CHM, ECON, ESS, HSC, PHY, PSCI, PSYC, SCI, SOC <sup>†</sup>

#### Applied/Experiential Learning

Choose 6 credits from the following:

CHW4799	College of Health & Wellness Internship <sup>lc</sup>	6
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>Sa</sup>	

#### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

#### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1020	Fundamentals of Algebra	
MATH2010	Introduction to Biostatistics	
Science		3
SCI1050	Nutrition	
Social Sciences		6
PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		6

Two courses with an EASC attribute

#### Free Electives <sup>#</sup>

6 credits selected from 1000-4999 numbered offerings within the university 6

#### Graduate Courses <sup>\*\*</sup>

HSC5020	Foundations of Public Health	3
HSC5080	Health and Healthcare <sup>***</sup>	3
HSC5120	Health Trends	3
HSC5150	Chronic Disease Prevention and Control	3
HSC5220	Insights into Vulnerable Populations	3

**Total Credits 123.0**

- \* Students selecting to focus in Occupational Therapy, Physical Therapy or Physician Assistant should consult with their faculty advisor prior to registration.
- \*\* Students use 6 credits from major electives and 9 free elective credits for graduate-level courses in the Public Health M.P.H. during their fourth year.
- \*\*\* Course may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

<sup>lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

<sup>#</sup> In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

### Public Health

#### Master of Public Health (MPH)

HSC5020	Foundations of Public Health <sup>†</sup>	3
HSC5080	Health and Healthcare <sup>††</sup>	3
HSC5100	Healthy Planet	3
HSC5120	Health Trends <sup>†</sup>	3
HSC5150	Chronic Disease Prevention and Control <sup>†</sup>	3
HSC5180	Discrimination and Health	3
HSC5220	Insights into Vulnerable Populations <sup>†</sup>	3
HSC5260	Advocating for Healthier Diets <sup>‡</sup>	3
HSC5290	Combatting Infectious Disease	3
HSC5320	Cultural Competency to Improve Health	3
HSC5350	Diversity, Equity and Inclusion <sup>‡</sup>	3
HSC5380	Policy of Addiction	3
HSC5420	Community Organizing	3
HSC6120	Improving Community Health	3
HSC6920	Public Health Capstone	3

**Total Credits 45.0**

- <sup>†</sup> These graduate courses fulfill the bachelor of science requirements in the fourth year. Please note: The bachelor of science is not awarded until all graduate-level courses applying to the undergraduate degree have been successfully completed.
- <sup>‡</sup> Courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## **Admissions Requirements**

### **Undergraduate**

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

# Dietetics and Applied Nutrition - B.S.

## Curriculum

The Dietetics and Applied Nutrition bachelor of science degree program is an Accreditation Council for Education in Nutrition and Dietetics (ACEND) accredited Didactic Program in Dietetics (DPD). This program prepares students for entry into a graduate degree program and supervised practice to complete requirements for eligibility to become a Registered Dietitian Nutritionist (RDN).

The program prepares students to translate scientific literature when problem-solving around food production, nutritional counseling on healthy eating practices, and managing diverse populations. This is achieved through a combination of traditional academic courses in addition to Johnson & Wales' unique culinary nutrition, experience-based cooking labs. Students develop nutrition care plans and learn nutritional diagnostic skills, as well as refine sensory evaluation techniques.

Graduates of the Dietetics and Applied Nutrition program are prepared to work in settings such as hospitals, long-term care facilities and health clinics, as well as in nontraditional industries such as food product research and development, school food service, sports nutrition with collegiate and professional teams, recipe testing, food writing and the private chef industry.

Upon completion of the program, graduates are expected to:

- Integrate scientific information and research into scientific and evidence-based practice.
- Demonstrate the beliefs, values, attitudes and behaviors for a professional level of practice in nutrition and dietetics.
- Perform clinical and customer services including the development and delivery of information, products and services to individuals, groups and populations.
- Apply the strategic principles of management and systems in the provision of services to individuals and organizations.
- Demonstrate skills and knowledge relevant to leadership potential and professional growth for the nutrition and dietetics practitioner.

The Dietetics and Applied Nutrition degree is accredited by

The Accreditation Council for Education in Nutrition (ACEND)  
of the Academy of Nutrition and Dietetics  
120 South Riverside Plaza, Suite 2190  
Chicago, IL 60606-6995  
800-877-1600, ext. 5400

[eatrightpro.org/acend](http://eatrightpro.org/acend)

ACEND provides standards of education meeting required dietetics coursework leading to a bachelor's degree. Such a program is called a Didactic Program in Dietetics (DPD). The Dietetics and Applied Nutrition degree program meets those standards. To become a registered dietitian nutritionist (RDN), graduates of DPD programs must also complete a graduate degree (effective January 1, 2024), complete an ACEND-accredited supervised practice program, and pass a national credentialing exam in the United States.

## Dietetics and Applied Nutrition

A four-year program leading to the bachelor of science degree

### Culinary Foundation Courses

CUL1100	Introduction to Culinary Skills and Techniques	3
CUL1210	Breakfast & Lunch Cafe	3
CUL1320	Elements of a la Minute Cooking	3
CUL1410	Contemporary Cooking & Leadership Functions	3

### Major Courses

CULN2020	Applied Culinary Nutrition	3
CULN2230	Designing Healthy Desserts	3
CULN3155	Vegetarian Cuisine	3
CULN4165	Therapeutic Cuisine	3
CULS2210	Food Science	3
DIET2070	Lifespan Nutrition	3
DIET3030	Nutrition Assessment	3
DIET3080	Community Nutrition	3
DIET4030	Medical Nutrition Therapy	3
DIET4630	Advanced Medical Nutrition Therapy	3

### Related Professional Studies

BIO1011	General Biology - Cellular	3
BIO1016	General Biology Laboratory - Cellular	1

BIO2041	Human Physiology	3
BIO2046	Human Physiology Laboratory	1
BIO2201	General Microbiology	3
BIO2206	General Microbiology Laboratory	1
CAR0010	Career Management	1
CHM1000	Foundations in Chemistry	3
CHM1006	Foundations in Chemistry Laboratory	1
DIET1020	Introduction to Nutrition and Dietetics Professions	1
ENG2010	Introduction to Technical Communication	3
FSM1165	The Food Safety Manager	1
FSM2045	Introduction to Menu Planning and Cost Controls	3
FSM2210	Operational Management in Healthcare	3
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	

Integrative Learning		6
Two ILS courses, one at the 2000 level, one at the 4000 level		

Arts and Humanities		6
HIST3020	A Multicultural History of America	
One course from ART, HUM, LIT, PHIL or REL		

Mathematics		6
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2010	Introduction to Biostatistics	

Science		3
SCI1050	Nutrition	

Social Sciences		6
PSYC1001	Introductory Psychology	
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		

A&S Electives		6
CHM2050	Introduction to Organic Chemistry	
CHM3040	Biochemistry	

### Free Electives #

9 credits selected from 1000-4999 numbered offerings within the university	9
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<b>Total Credits</b>	<b>122.0</b>
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# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. The Dietetics and Applied Nutrition program requires students to have successfully completed math and science curriculums. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Doctor of Physical Therapy - D.P.T.

The Doctor of Physical Therapy program prepares students for entry-level clinical practice in the doctoring profession of physical therapy. Graduates are prepared to sit for the National Physical Therapy Licensure Examination and to practice as doctors of physical therapy. Students are prepared to provide physical therapy services to a wide variety of individuals with injuries, diseases and disorders involving the major body systems, across the lifespan and continuum of care.

Upon completion of the program graduates are expected to:

- Apply clinical decision making skills to effectively develop and implement a physical therapy examination, diagnosis, prognosis, and plan of care.
- Evaluate evidence to facilitate best patient outcomes by effective use of the professional literature and current information technologies.
- Adapt delivery of physical therapy services with consideration for patients' differences, values, preferences, and needs.
- Communicate effectively and professionally with a diverse group of patients, healthcare professionals, para-professionals, and community members to provide patient-centered and socially responsible care.
- Demonstrate a commitment to professional Physical Therapist practice, consistent with the core values of the American Physical Therapy Association.
- Develop scholarly work that informs evidence-based practice for clinical decision making or investigates innovative physical therapy interventions utilizing solid theoretical constructs.

## Doctor of Physical Therapy

Doctor of Physical Therapy (DPT)

### Core Courses

DPT7050	Musculoskeletal Anatomy	4
DPT7100	Foundations of Evidenced-Based Medicine	2
DPT7150	Physical Agents in Physical Therapy	2
DPT7200	Patient Mobility and Safety	3
DPT7250	Exercise Physiology and Wellness	3
DPT7300	Integrated Clinical Experience and Professional Development I	1
DPT7350	Spine Examination and Treatment	5
DPT7400	Extremity Examination and Treatment	5
DPT7450	Biomechanics	4
DPT7500	Diagnostic Imaging	2
DPT7600	Orthopedic Culmination and Comprehensive Practicum	2
DPT7650	Pharmacology for Physical Therapists	2
DPT7700	Essentials of Rehabilitation Technology	2
DPT7750	Cardiovascular, Pulmonary, Digestive and Endocrine Anatomy	4
DPT7800	PT for Medically Complex Patients	4
DPT7850	Medically Complex Culmination and Comprehensive Practicum	2
DPT8050	Integrated Clinical Experience and Professional Development II	1
DPT8100	Psychologically Informed Physical Therapy	2
DPT8150	Neuroanatomy for the Physical Therapist	3
DPT8200	Motor Control	2
DPT8250	DPT Elective *	4-8
DPT8300	Neurological Examination and Treatment	5
DPT8350	Neuro Culmination and Comprehensive Practicum	2
DPT8400	Integrated Clinical Experience and Professional Development III	1
DPT8450	Healthcare Management	3
DPT8500	Research Seminar I	3
DPT8550	Pediatric Physical Therapy	3
DPT8600	Physical Therapy for Genitourinary Health	2
DPT8650	Comprehensive Skills Review and Qualifying Examination	2
DPT8700	Clinical Education Experience I	12
DPT8800	Clinical Education Experience II	11
DPT8850	Research Seminar II	1
DPT8900	DPT Capstone	2
DPT9200	Clinical Education Experience III	11
DPT9500	Licensure Review and PEAT	2

**Total Credits**

**119.0-123.0**

- \* Students are required to take 4 credits in DPT8250 DPT Elective but may take up to 8 credits inclusive of Physical Therapy outreach to underserved populations.

Graduation from a physical therapist education program accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 3030 Potomac Ave., Suite 100, Alexandria, Virginia 22305-3085; phone; 703-706-3245; accreditation@apta.org is necessary for eligibility to sit for the licensure examination, which is required in all states.

Johnson & Wales University is seeking accreditation of a new physical therapist education program from CAPTE. The program is planning to submit an Application for Candidacy, which is the formal application required in the pre-accreditation stage, on May 1, 2024. Submission of this document does not assure that the program will be granted Candidate for Accreditation status. Achievement of Candidate for Accreditation status is required prior to implementation of the [professional/technical] phase of the program; therefore, no students may be enrolled in [professional/technical] courses until Candidate for Accreditation status has been achieved. Further, though achievement of Candidate for Accreditation status signifies satisfactory progress toward accreditation, it does not assure that the program will be granted accreditation.

# Exercise and Sports Science - B.S.

## Curriculum

The Exercise and Sports Science bachelor's degree program provides a scientific understanding of the mechanics of exercise, its synergies with nutrition and its influence on body systems. Graduates qualify for a variety of occupations such as recreational therapy, exercise physiology, medical program coordination, athletic training and rehabilitation. Graduates may also choose to matriculate to graduate programs like physician assistant, occupational therapist, physical therapist, athletic training or others.

Upon completion of the program, graduates are expected to:

- Apply concepts from the sciences to explain the interrelationships between exercise, metabolism and performance.
- Explain the importance of exercise as a determinant of health.
- Prescribe appropriate exercise interventions considering characteristics of the individual and the goal.
- Compare the appropriateness of various eating patterns for a variety of exercise types.
- Adapt exercise plans for a variety of ages and conditions.

## Exercise and Sports Science

A four-year program leading to the bachelor of science degree

### Major Courses

DIET2020	Sports Nutrition	3
ESS2010	Kinesiology	3
ESS2015	Kinesiology Laboratory	1
ESS2320	Exercise Physiology	3
ESS3010	Exercise Assessment and Prescription	3
ESS3015	Exercise Assessment and Prescription Laboratory	1
ESS4010	Human Performance	3
ESS4015	Human Performance Laboratory	1
ESS4030	Exercise for Special Populations	3
HSC1010	Introduction to Health Professions	1
HSC1020	Medical Terminology	1
HSC1230	Introduction to Public Health	3
HSC2400	Research Methods for Health Science	3
HSC4900	Data and Evidence in Health: Research Capstone	3

### Applied/Experiential Learning

Choose 3 credits from the following:		
CHW4799	College of Health & Wellness Internship <sup>1c</sup>	3
DEE3999	Directed Experiential Education <sup>D</sup>	
Study Abroad <sup>5a</sup>		

### Related Professional Studies

BIO1011	General Biology - Cellular	3
BIO1016	General Biology Laboratory - Cellular	1
BIO1022	General Biology - Organismal	3
BIO1026	General Biology Laboratory - Organismal	1
BIO2003	Human Anatomy and Physiology I	3
BIO2006	Human Anatomy and Physiology I Laboratory	1
BIO2013	Human Anatomy and Physiology II	3
BIO2016	Human Anatomy and Physiology II Laboratory	1
CAR0010	Career Management	1
CHM1011	General Chemistry I	3
CHM1016	General Chemistry I Laboratory	1
CHM1022	General Chemistry II	3
CHM1026	General Chemistry II Laboratory	1
CULN2414	Cooking for Health and Wellness	3
FYS1020	First-Year Seminar	1
PHY1011	General Physics I	3
PHY1016	General Physics I Laboratory	1
PHY1022	General Physics II	3
PHY1026	General Physics II Laboratory	1

### A&S Core Courses

Communications Foundation Courses			9
ENG1020	Rhetoric & Composition I		
ENG1021	Rhetoric & Composition II		
ENG1030	Communication Skills		
Integrative Learning			6
Two ILS courses, one at the 2000 level, one at the 4000 level			
Arts and Humanities			6
PHIL3240	Ethics: A Global Perspective		

One course from ART, HIST, HUM, LIT, or REL			
Mathematics			6
MATH1030	Precalculus (or higher, based on student's placement) *		
MATH2001	Statistics I		
or MATH2010		Introduction to Biostatistics	
Science			3
SCI1050	Nutrition		
Social Sciences			6
PSYC1001	Introductory Psychology		
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC			
A&S Electives			6
PSYC2030	Developmental Psychology		
One course with an EASC attribute			
<b>Free Electives #</b>			
9 credits selected from 1000-4999 numbered offerings within the university			9
<b>Total Credits</b>			<b>123.0</b>

\* Students that do not place in MATH1030 Precalculus, will need to take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this will count as an A&S elective.

<sup>1c</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Science programs require students to have successfully completed Chemistry or higher level science. Students who apply for admission and do not meet the requirements will be reviewed for admission into another science program. Admissions decisions



may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Health Science - B.S.

## Curriculum

The Health Science bachelor's degree program prepares graduates for entry-level health-profession careers in such areas as health science, health promotion, public health, and health and policy administration. Additionally, it prepares graduates seeking postbaccalaureate entry into graduate programs such as physician assistant studies, physical therapy, occupational therapy, public health, counseling, general MBA and health informatics.

The curriculum is based on a strong foundation in the basic sciences along with the core public health subject areas. Content in the areas of health and wellness is emphasized. An interdisciplinary team of educators provides a holistic exposure to nutrition, exercise science, psychology, sociology, public health and economics, and their importance to patient-centered, humanistic healthcare delivery.

The Health Science degree emphasizes the application and synthesis of knowledge and develops graduates who are the problem solvers and critical thinkers of tomorrow.

Upon completion of the program, graduates are expected to:

- Apply fundamental biologic, socio-economic, behavioral, ethical, cultural and spiritual principles to the practice of health and wellness.
- Synthesize foundational knowledge and the results of inquiry and research.
- Effectively communicate health and wellness principles to diverse populations.
- Employ discipline appropriate tools, methods, and analytical approaches to study a problem/opportunity in public health research or practice.
- Work collaboratively as a member of a health and wellness team to improve individual and community outcomes.

The Health Science or pre-professional pathway contains specific physical science courses in biology, anatomy, physiology and chemistry. In consultation with their adviser, students choose additional courses that will prepare them for their individual career goals. Students in health science are prepared for jobs in medicine and research or for applying to graduate and professional schools in a number of areas.

## Health Science

A four-year program leading to the bachelor of science degree

### Major Courses

BIO1011	General Biology - Cellular	3
BIO1016	General Biology Laboratory - Cellular	1
BIO1022	General Biology - Organismal	3
BIO1026	General Biology Laboratory - Organismal	1
BIO2003	Human Anatomy and Physiology I	3
BIO2006	Human Anatomy and Physiology I Laboratory	1
BIO2013	Human Anatomy and Physiology II	3
BIO2016	Human Anatomy and Physiology II Laboratory	1
HSC1010	Introduction to Health Professions	1
HSC1100	Determinants of Health	3
HSC1230	Introduction to Public Health	3
HSC2100	Epidemiology	3
HSC2400	Research Methods for Health Science	3
HSC4900	Data and Evidence in Health: Research Capstone	3

### Major Electives

Choose 17-18 credits from the following: BIO, CHM, ESS, HSC, PHY, PSYC, SCI, SOC \* 17-18

### Applied/Experiential Learning

Choose 6 credits from the following: 6

CHW4799	College of Health & Wellness Internship <sup>lc</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>Sa</sup>	

### Related Professional Studies

CAR0010	Career Management	1
CHM1011	General Chemistry I	3
CHM1016	General Chemistry I Laboratory	1
CHM1022	General Chemistry II	3
CHM1026	General Chemistry II Laboratory	1
CULN2414	Cooking for Health and Wellness	3
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses	9
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ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
	Two ILS courses, one at the 2000 level, one at the 4000 level	
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
	One course from ART, HIST, HUM, LIT or REL	
Mathematics		6
MATH1030	Precalculus (or higher, based on student's placement) **	
MATH2010	Introduction to Biostatistics	
Science		3
SCI1050	Nutrition	
Social Sciences		6
PSYC1001	Introductory Psychology	
	One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC	
A&S Electives		6
	Two courses with an EASC attribute	
<b>Free Electives #</b>		
12 credits selected from 1000-4999 numbered offerings within the university		12
<b>Total Credits</b>		<b>122.0-123.0</b>

\* Students selecting to focus in Occupational Therapy, Physical Therapy or Physician Assistant should consult with their faculty advisor prior to registration.

\*\* Students that do not place in MATH1030 Precalculus, will need to take an extra course, MATH1020 Fundamentals of Algebra, as a prerequisite. If needed this will count as an A&S elective.

<sup>lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a

completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Science programs require students to have successfully completed Chemistry or higher level science. Students who apply for admission and do not meet the requirements will be reviewed for admission into another science program. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

**Visiting campus**, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### Combined Degrees Programs

- Combined Degrees: Health Science B.S./Occupational Therapy O.T.D. (p. 177)
- Combined Degrees: Health Science B.S./Public Health M.P.H. (p. 179)

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Nursing - B.S.N.

## Curriculum

The 16-month accelerated bachelor of science in nursing degree program is for students with an earned non-nursing baccalaureate degree, who have completed explicit prerequisites, to enter the field of nursing. Through simulated labs and clinical placements, which are key to the curriculum, nursing students learn and practice the methods to deliver safe and efficient patient care firsthand. Working directly under the supervision of seasoned clinical preceptors, these students gain hands-on experiences across all healthcare settings, including areas of practice relating to Medical/Surgical Nursing I and II, Pediatrics, Obesity, Psychiatric Mental Health Nursing, and Community/Public Health Nursing. The curriculum prepares students to sit for the National Council Licensure Examination (NCLEX-RN).

Upon completion of this program, graduates are expected to:

- Use knowledge and skills required in the field of nursing practice to administer client care.
- Design and deliver person-centered client care across diverse health populations and settings.
- Provide evidence-based client care informed by the use scholarship and appropriate information and healthcare technologies.
- Use a systems-based approach to deliver client care aligned with essential principles of quality and safety within the field of nursing practice.
- Integrate interprofessional partnerships into the planning and delivery of client care.
- Demonstrate professionalism required in the field of nursing practice through personal, professional and leadership development.

## Nursing

A 16-month accelerated program leading to the bachelor of science in nursing degree

### Program Admission Requirements \*

BIO2003	Human Anatomy and Physiology I	3
BIO2006	Human Anatomy and Physiology I Laboratory	1
BIO2013	Human Anatomy and Physiology II	3
BIO2016	Human Anatomy and Physiology II Laboratory	1
BIO2201	General Microbiology	3
BIO2206	General Microbiology Laboratory	1
CHM2040	Introduction to General and Organic Chemistry	3
DIET2070	Lifespan Nutrition	3
MATH2001	Statistics I	3
PSYC2030	Developmental Psychology	3
Additional Credits *		36

### Major Courses \*\*

NURS3010	Foundations of Nursing Practice	6
NURS3030	Foundations of Nursing Practice Practicum	2
NURS3110	Health Assessment	3
NURS3115	Health Assessment Lab	1
NURS3160	Pathophysiology	4
NURS4050	Care of the Adult I	6
NURS4060	Care of the Adult I Practicum	2
NURS4140	Mental Health Nursing	3
NURS4150	Mental Health Nursing Practicum	1
NURS4180	Pharmacology	4
NURS4210	Care of Children	3
NURS4220	Care of Children Practicum	1
NURS4250	Maternal Newborn Nursing	3
NURS4260	Maternal Newborn Nursing Practicum	1
NURS4310	Evidence-Based Practice and Healthcare Informatics ***	3
NURS4340	Leadership in Nursing ***	3
NURS4420	Community/Public Health Nursing ***	3
NURS4430	Community/Public Health Nursing Practicum	1
NURS4460	Care of the Adult II	6
NURS4470	Care of the Adult II Practicum	4

**Total Credits** **120.0**

\* Equivalent courses from other universities will be reviewed and accepted for admission to JWU's B.S.N. degree program.

\*\* All A&S core courses and other credit requirements are fulfilled with completion of a prior bachelor's degree.

\*\*\* Course must be taken online.

## Admissions Requirements

All applicants to the A.B.S.N. Accelerated Bachelor of Science in Nursing should apply through the NursingCAS system.

### Admissions requirements:

1. Application
2. Completed bachelor's degree (or pending completion) with a 3.0 or higher cumulative GPA
3. Official transcripts from every post-secondary institution attended
4. Completion of the pre-requisite courses (or approved substitutions) with a grade of B (80%) or better. Applicants who have more than two pre-requisite courses outstanding will not be accepted. (The two does not include courses in which applicants are currently enrolled.)
5. Applicants who have completed the bachelor's degree with a 3.0 or higher cumulative GPA and who have completed all pre-reqs with a grade of B (80%) or higher will be given Full Accept.
6. Applicants who have not yet completed the bachelor's degree and/or those with outstanding pre-reqs with a grade of B (80%) or higher will be granted Conditional Acceptance.

### Pre-requisite Courses:

1. Human Anatomy & Physiology I with lab
2. Human Anatomy & Physiology II with lab
3. Organic or Inorganic Chemistry
4. Microbiology with lab
5. Development Psychology
6. Human Nutrition
7. Statistics

## Nutrition - MINOR

The Nutrition minor provides students with a solid foundation of nutrition science and the complex relationship between food and health. This minor exposes students to nutrition and health promotion, nutritional epidemiology and the significance of nutrition throughout the lifecycle. Students develop a critical awareness of diversity and cultural competency as well as the application of nutrition science in a culinary nutrition lab.

Offered by the College of Health & Wellness, this minor is open to all students except Dietetics & Applied Nutrition majors and Culinary Nutrition majors.

### Nutrition

#### Minor

DIET2070	Lifespan Nutrition	3
DIET3080	Community Nutrition	3
SCI1050	Nutrition	3
Choose one of the following:*		3
CULN2414	Cooking for Health and Wellness	
CULS2210	Food Science	
SFS2110	Culinary Science, Nutrition & Sensory Analysis	
Choose one of the following:*		3
DIET2020	Sports Nutrition	
SCI2020	Introduction to Exercise Physiology	
SFS1001	Introduction to Food Systems	
SOC3020	Culture and Food	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Occupational Therapy Doctorate - OTD

The entry-level Occupational Therapy Doctorate degree program is for students with an earned baccalaureate degree, who have completed explicit prerequisites, to enter the profession of occupational therapy. Students receive an entry-level practice degree at the clinical doctoral level. The doctoral degree in the profession includes extensive education and training in normal development, structure, function and impairments in body systems and body functions, and participation problems, concerns and solutions. There is also work focused on advanced practice including clinical reasoning, occupational therapy theory, evidence-based practice, research, and advocacy and leadership. Graduates are prepared to work with individuals, groups, communities and populations to implement programs inclusive of occupational therapy services. Inter- and intra-professional education and practice models are emphasized. The culminating project is the doctoral capstone and experience.

Upon completion of the program, graduates are expected to:

- Assist clients with maximizing health, well-being, and quality of life through interventions that support normal human development and functioning.
- Provide effective client-centered solutions utilizing evidence-based practice.
- Facilitate and support client participation in occupations.
- Practice collaborative leadership as an occupational therapy professional.

## Occupational Therapy Doctorate

### Occupational Therapy Doctorate (OTD)

#### Core Courses

OTD7015	Foundations of Occupational Therapy	3
OTD7030	Human Occupations and Participation Across the Lifespan	2
OTD7060	Occupational Perspective on Health	3
OTD7070	Introduction to Fieldwork	1
OTD7110	Kinesiology	4
OTD7130	Occupational Therapy Assessment and Theory Across the Life Span	3
OTD7160	Human Conditions I	3
OTD7170	Occupational Performance and Participation in Groups	3
OTD7190	Research I	3
OTD7210	Neuroscience	4
OTD7260	Human Conditions II	3
OTD8140	Healthcare Systems and Policy	3
OTD8215	Introduction to Capstone I	2
OTD8220	Research II	3
OTD8235	Occupational Therapy Practice I	5
OTD8280	Level IA Fieldwork	1
OTD8310	Leadership and Advocacy	3
OTD8320	Research III	3
OTD8330	Theoretical and Clinical Reasoning in Context	3
OTD8345	Occupational Therapy Practice II	5
OTD8380	Level IB Fieldwork	1
OTD8395	Program Development and Grant Writing	2
OTD8420	Technology and Innovation in Occupational Therapy	2
OTD8455	Occupational Therapy Practice III	5
OTD8480	Level IC Fieldwork	1
OTD8520	Introduction to Capstone II	3
OTD8540	Contemporary Concepts in Occupational Therapy	2
OTD8560	Teaching and Learning in Occupational Therapy	2
OTD8660	Occupational Therapy Practice IV	5
OTD8720	Level ID Fieldwork	1
OTD9810	Level IIA Fieldwork	9
OTD9860	Level IIB Fieldwork	9
OTD9910	Doctoral Capstone Project	3
OTD9920	Doctoral Capstone Experience	10

**Total Credits**

**115.0**

## Physician Assistant Studies - M.S.P.A.S.

The Physician Assistant Program at Johnson & Wales University is a 24-month, 104-credit, full-time course of study. The program is offered at the university's Providence, Rhode Island, campus. One new class is enrolled each year which begins in the summer graduate term. Upon successful completion, a Master of Science in Physician Assistant Studies is awarded.

The first 12 months of the program are devoted to preclinical studies, and the remaining 12 months to clinical experiences in primary care and medical and surgical specialties.

The summer semester provides a foundation upon which the following fall and spring body system courses are constructed. In Applied Anatomy, small groups of students dissect cadavers, view prosections and utilize virtual anatomy software to learn gross anatomic structures that are essential to the understanding of medicine and the practice of general surgery. Applied Anatomy is integrated with Patient Care I where techniques specific to the adult history and physical examination are taught; the anatomy of a body system immediately precedes the lectures and practice labs where students learn the physical examination skills required to examine that same area of the body.

In Foundations of Medicine, students are introduced to the basics of cell physiology and genetics that are essential to the understanding of pathophysiologic mechanisms of disease and clinical medicine. A primer in microbiology and immunology prepares students for the study of infectious disease and the basics of pharmacology are a prelude to courses in pharmacotherapeutics.

Three semesters of Professional and Health Policy Issues commences in the summer with discussions ranging from the history of the PA profession, types of healthcare settings, healthcare and public health policy to the expectations of a medical workplace relative to ethical and professional behavior. Students explore the role that diet has on health and wellness across the lifespan in the Food is Medicine course series, including practical application of the principles in culinary labs.

Fall and spring courses in Clinical Medicine are body-system based encompassing all aspects of clinical medicine, diagnostic skills and pharmacotherapeutics for the particular body-system. Students work sequentially through each body system course, one at a time, learning the physiology, pathophysiology, clinical medicine, evidence-based medicine, diagnostic skills and treatment specific to that system. In Patient Care, students learn the history and physical examination skills specific to the body system being studied in that course. In weekly small-group meetings, they develop the critical thinking skills necessary to synthesize and apply the course content to real patient cases. Seminars in the practice of humanistic medicine will begin a lifelong journey as a self-reflective and empathetic, patient-centered healthcare provider. The final systems course is Emergency Medicine which includes an introduction to clinical practice. Students learn skills they will apply during their clinical rotations; they are taught phlebotomy and injection skills and how to suture, knot-tie, perform surgical scrubbing and gowning and apply splints.

The second 12 months of the program provides the experiential learning in nine clinical rotations. Each rotation is five weeks in length. These rotations occur at off-campus clinical sites (hospitals, community health centers, medical offices, etc.) to be developed by program faculty and administrators. The seven required rotations include Family Medicine, Internal Medicine, Pediatric Medicine, Women's Health, Behavioral and Mental Health, Emergency Medicine, and Surgery. There are two five-week electives that allow students to further develop skills in the area in which they plan to practice.

The Master's Course runs the length of the clinical year. It includes lectures and discussions that prepare students for the Physician Assistant National Certification Examination, job searches and clinical practice. In the spring semester, this Master's Course culminates with the summative evaluation that ensures the student possesses the knowledge, interpersonal skills, patient care skills and professionalism required for entry into the profession.

Upon completion of the program, graduates are expected to:

- Develop rapport and an atmosphere of trust with patients and families while providing patient centered humanistic care.
- Recommend and perform clinical procedures for common medical disorders.

- Utilize and apply evidence-based medicine principles and skills to guide decision making in clinical practice.
- Engage and employ lifelong learning skills through ongoing self-reflection, active engagement, and professional development.
- Utilize effective interpersonal skills in oral and written communication with patients and families and work collaboratively with members of the healthcare team.
- Accurately elicit a medical history, perform a physical examination, formulate a differential diagnosis, and appropriately select and interpret diagnostic studies to diagnose medical conditions.
- Develop and manage appropriate treatment plans for preventative, acute, chronic and emergent disorders of patients across the life span.
- Conduct oneself in a professional and ethical manner consistent with the role and responsibilities of a physician assistant.

### Physician Assistant Studies

#### Master of Science in Physician Assistant Studies

Year 1: Didactic Year		
PAS5110	Applied Anatomy	4
PAS5200	Foundations of Medicine	4
PAS5325	Patient Care I	4
PAS5345	Professional and Health Policy Issues I	2
PAS5425	Patient Care II	3
PAS5456	Professional and Health Policy Issues II	1.5
PAS5470	Introduction to Evidence-Based Practice	1
PAS5480	Food is Medicine I	1
PAS5515	Clinical Hematology	1
PAS5525	Clinical EENT	2
PAS5540	Clinical Pulmonology	3
PAS5565	Clinical Dermatology	1
PAS5575	Clinical Behavioral Medicine	1
PAS5580	Clinical Cardiology	4
PAS5736	Patient Care III	3
PAS5767	Professional and Health Policy Issues III	1.5
PAS5782	Food is Medicine II	1
PAS5810	Clinical Nephrology and Urology	3
PAS5825	Clinical Orthopedics and Rheumatology	3
PAS5830	Clinical Gastroenterology	2
PAS5845	Clinical Neurology	2
PAS5860	Clinical Endocrinology	2
PAS5870	Clinical Infectious Disease	1
PAS5880	Clinical Gynecology and Obstetrics	3
PAS5891	Clinical Pediatrics	2
PAS5910	Emergency Medicine	2
PAS5930	Problem-Based Learning	2.5
PAS5950	Clinical Geriatrics	1
PAS5960	Surgical Principles	1
Year 2: Clinical Year		
PAS6200	Family Medicine Clinical Course	4.5
PAS6250	Internal Medicine Clinical Course	4.5
PAS6300	Pediatric Medicine Clinical Course	4.5
PAS6350	Women's Health Clinical Course	4.5
PAS6400	Emergency Medicine Clinical Course	4.5
PAS6450	Behavioral and Mental Health Clinical Course	4.5
PAS6500	Surgery Clinical Course	4.5
PAS6600	Clinical Elective Course I	4.5
PAS6700	Clinical Elective Course II	4.5
PAS6800	Master's Course *	1
<b>Total Credits</b>		<b>104.0</b>

\* This course spans the clinical year; credit is awarded only in the spring semester.

# Public Health - B.S.

## Curriculum

The Public Health bachelor's degree program prepares graduates for entry-level health-profession careers in such areas as health education, health promotion, research, monitoring and evaluation, and health and policy administration. Additionally, it prepares graduates seeking post-baccalaureate entry into graduate programs such as public health, public policy, health management, law and health informatics. Students can take additional electives in management that can help to prepare graduates for entry-level health-profession careers in such areas as health administration and management, consulting, quality improvement in healthcare, and policy administration.

The curriculum is based on a strong foundation in the population health sciences along with coursework in the arts and sciences. Content in the areas of health and wellness is emphasized. An interdisciplinary team of educators provides holistic exposure to nutrition, exercise science, psychology, sociology, public health, business and economics, and their importance to patient-centered, humanistic healthcare delivery.

The Public Health degree program emphasizes the application and synthesis of knowledge and develops graduates who are the problem-solvers and critical-thinkers of tomorrow in both domestic and global health systems and communities.

Upon completion of the program, graduates are expected to:

- Apply fundamental biologic, socio-economic, behavioral, ethical, cultural and spiritual principles to the practice of health and wellness.
- Synthesize foundational knowledge and the results of inquiry and research.
- Effectively communicate health and wellness principles to diverse populations.
- Work collaboratively as a member of a health and wellness team to improve individual and community outcomes.
- Compare and discuss major local, national and global health challenges related to healthcare access and outcomes.

Public Health students take basic science courses in anatomy and physiology, exercise physiology and life science. Courses examine patterns of population health and disease, the organization and social structures through which health services are delivered/received, and community needs assessment and planning. Additional emphasis is placed on courses in counseling, health education, psychology and health policy. In consultation with advisers, students may select courses that specifically prepare them for positions in the public health arena, such as health policy analysts, consultants, health promotion coordinators and educators, and a variety of jobs in both state and federal government.

## Public Health

A four-year program leading to the bachelor of science degree

Major Courses		
CULN2414	Cooking for Health and Wellness	3
HSC1010	Introduction to Health Professions	1
HSC1100	Determinants of Health	3
HSC1230	Introduction to Public Health	3
HSC2100	Epidemiology	3
HSC2130	Mindfulness for Health & Wellbeing	3
HSC2230	Introduction to Global Health	3
HSC2400	Research Methods for Health Science	3
HSC3300	Comparative Healthcare Systems	3
HSC4100	Health Policy, Ethics and the Law	3
HSC4900	Data and Evidence in Health: Research Capstone	3
PSYC2002	Abnormal Psychology	3
SCI1015	Introduction to Life Science	3
SCI2020	Introduction to Exercise Physiology	3
SCI2031	Anatomy and Physiology	3
Major Electives		
Choose 15 credits from the following: BIO, CHM, ECON, ESS, HSC, PHY, PSCI, PSYC, SCI, SOC *		15
Applied/Experiential Learning		
Choose 6 credits from the following:		6
CHW4799	College of Health & Wellness Internship <sup>lc</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	

Study Abroad <sup>5a</sup>		
Related Professional Studies		
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
A&S Core Experience		
Communications Foundation Courses		
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		
Two ILS courses, one at the 2000 level, one at the 4000 level		6
Arts and Humanities		
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2010	Introduction to Biostatistics	
Science		
SCI1050	Nutrition	3
Social Sciences		
PSYC1001	Introductory Psychology	6
One course from ANTH, ECON, GEND, LEAD, PSCI, RES or SOC		
A&S Electives		
Two courses with an EASC attribute		6
Free Electives #		
15 credits selected from 1000-4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>123.0</b>

\* Students selecting to focus in Occupational Therapy, Physical Therapy or Physician Assistant should consult with their faculty advisor prior to registration.

<sup>lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup>Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.



For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### Combined Degrees Program

- Combined Degrees: Public Health B.S./Public Health M.P.H. (p. 181)

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Public Health - MINOR

The Public Health minor provides students with the fundamental knowledge of the principles of public health and application of epidemiological methods as it relates to population health. This minor provides students who are interested in complementing their major with the basic framework of public health and the tools necessary to explore the introductory nature of the determinants of health and population health.

### Public Health

#### Minor

HSC1230	Introduction to Public Health	3
HSC2100	Epidemiology	3
Choose three of the following:*		9
HSC2230	Introduction to Global Health	
HSC3200	Health Education and Program Planning	
HSC3300	Comparative Healthcare Systems	
HSC3500	Current Issues in Health	
HSC4100	Health Policy, Ethics and the Law	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Public Health - M.P.H.

The Master of Public Health (M.P.H.) degree is a 45-credit hybrid graduate program that trains students to solve 21st-century public health problems. Public health is an interdisciplinary field, incorporating theories and skills from numerous other disciplines. Students in the JWU M.P.H. program learn across the continuum of public health knowledge, from the social determinants of health and policy to the core principles of epidemiology, biostatistics and research. Designed to meet the Council on Education for Public Health's accreditation standards, the M.P.H. integrates foundational knowledge and competencies throughout the curriculum, so students learn how to use public health skills within numerous different content areas.

With full-time (two-year) and part-time (four-year) options, the JWU M.P.H. program is flexible to the needs of our students. Prior experience in public health or healthcare is not needed, and applicants from all backgrounds are encouraged to apply. The curriculum is based on current best practices and emphasizes application of knowledge to solve real-world issues. Courses are specifically designed to prepare students for an independent, applied practicum experience and to train students to make immediate impacts on the public's health after graduation.

Upon completion of the program, graduates are expected to:

- Use practice- and research-based epidemiological methodologies to assess the health of a population.
- Develop a public health intervention using foundational knowledge to improve community health.
- Evaluate the impact of public health programs and policy using observational, experimental or quasi-experimental methodologies.
- Evaluate the effect of diversity, equity and inclusion initiatives on individual and community health.
- Develop a comprehensive plan to create and promote an environment that supports healthy decision-making.

## Public Health

### Master of Public Health (MPH)

#### Core Courses

HSC5020	Foundations of Public Health	3
HSC5080	Health and Healthcare *	3
HSC5100	Healthy Planet	3
HSC5120	Health Trends	3
HSC5150	Chronic Disease Prevention and Control	3
HSC5180	Discrimination and Health	3
HSC5220	Insights into Vulnerable Populations	3
HSC5260	Advocating for Healthier Diets *	3
HSC5290	Combatting Infectious Disease	3
HSC5320	Cultural Competency to Improve Health	3
HSC5350	Diversity, Equity and Inclusion *	3
HSC5380	Policy of Addiction	3
HSC5420	Community Organizing	3
HSC6120	Improving Community Health	3
HSC6920	Public Health Capstone	3

**Total Credits** **45.0**

\* Courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning purposes.

# College of Hospitality Management

## Undergraduate

- **Bachelor of Science (B.S.) Degree**

- Adventure, Sport, and Sustainable Tourism Management (p. 199)
- Food & Beverage Industry Management (2+2 program) (p. 202)
- Hospitality Management (p. 206)
- Sports, Entertainment, Event - Management (p. 208)

- **Minor**

- Adventure, Sports and Sustainable Tourism (p. 201)
- Food & Beverage Management (p. 204)

## Graduate

### Master of Science (M.S.)

- Global Tourism and Sustainable Economic Development (p. 205)

# Adventure, Sport and Sustainable Tourism Management - B.S.

## Curriculum

The Adventure, Sport and Sustainable Tourism major provides students with a solid foundation and professionally focused experience in the areas of this industry sector. Focus is on all aspects of operations, program development, implementation and evaluation of success in the niche of tourism planning.

Completion of the Adventure, Sport and Sustainable Tourism major helps students develop a critical awareness of the ways tourism can enhance the welfare of people by fostering economic, cultural preservation, health and wellness, and environmental conservation. Students are prepared to communicate professionally with suppliers, distributors, industry partners and guests. This degree opens doors to a wide variety of careers internationally within the adventure, recreation and leisure, sport, nature-based, ecotourism and sustainable tourism field, as well as providing a solid business foundation to become a successful entrepreneur.

Upon completion of the program, graduates are expected to:

- Advocate for the importance of sustainable tourism development in fostering economic, social and environmental conservation.
- Create and execute an adventure, sport, and sustainable based tourism experience.
- Assess sustainable tourism leadership decisions informed by policies, laws and regulations within various cultural, political and geographical locations.
- Evaluate strategic plans and product development to improve consumer experience in adventure, sport and sustainable tourism.

## Adventure, Sport and Sustainable Tourism Management

A four-year program leading to the bachelor of science degree

### Business Foundations

ACCT2150	Accounting for Hospitality Service Organizations	3
ACCT3150	Financial Management for Hospitality Service Organizations	3
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2005	Hospitality Law	3

### Major Courses

EVNT2020	The Business of Event Management	3
HOSP1001	Orientation to the Hospitality Industry	3
HOSP2040	Human Resources Management in Service Organizations	3
HOSP3053	Hospitality Strategic Marketing	3
SEE2015	Leadership in Recreation/Leisure Settings	3
SEE2040	Outdoor Recreation Planning	3
TRVL1105	Adventure, Sport and Nature-Based Tourism	3
TRVL2010	Dynamics of Tourism and Sustainability	3
TRVL3020	Ecotourism	3
TRVL3035	Tour Management Operations *	3
TRVL4035	Leading an Adventure Experience	3

### Major Electives

Choose two of the following:		6
TRVL2801	World Geography for Tourism and Hospitality	
TRVL3030	International Policies of Tourism	
TRVL3801	Special Topics in Adventure Resort Management	

### Applied/Experiential Learning

Choose 12 credits from the following:		12
COHM4799	College of Hospitality Management Internship	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>Sa</sup>	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundation Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	

One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
SCI1010	Environmental Science	
Social Sciences		6
PSCI2001	International Relations and World Politics	
One course from ANTH, ECON, GEND, LEAD, PSYC, RES or SOC		
A&S Electives		6
ECON1001	Macroeconomics	
One course with an EASC attribute		
<b>Free Electives #</b>		
15 credits selected from 1000-4999 numbered offerings within the university		15
<b>Total Credits</b>		<b>122.0</b>

\* A travel fee is associated with TRVL3035 Tour Management Operations.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup> To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Adventure, Sports and Sustainable Tourism - MINOR

The Adventure, Sports and Sustainable Tourism minor provides students with a solid foundation and professionally focused experience in the areas of adventure, sports and sustainable tourism. Focus is on all aspects of operations, program development, implementation and evaluation of success in the niche of tourism planning.

Completion of the Adventure, Sports and Sustainable Tourism minor helps students develop a critical awareness of the ways tourism can enhance the welfare of people while protecting and interacting with the natural environment. Students are prepared to communicate professionally with suppliers, distributors, industry partners and guests.

This minor is open to all students except Tourism & Hospitality Management majors and Adventure, Sport and Sustainable Tourism majors.

## Adventure, Sports and Sustainable Tourism

### Minor

EVNT2020	The Business of Event Management	3
or HOSP2011	Hospitality Sales and Meeting Management	
TRVL1105	Adventure, Sport and Nature-Based Tourism	3
TRVL3020	Ecotourism	3
Choose 6 credits from the following: *		6
COHM4799	College of Hospitality Management Internship (6 credits)	
DEE3999	Directed Experiential Education	
SEE2015	Leadership in Recreation/Leisure Settings	
TRVL3801	Special Topics in Adventure Resort Management	
<b>Total Credits</b>		<b>15.0</b>

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Food & Beverage Industry Management (2+2 program) - B.S.

## Curriculum

Building upon previous dining, beverage service and kitchen laboratory experiences the Food & Beverage Industry Management bachelor's degree program prepares students for a management career across the career spectrum in the food and beverage industry.

Areas of management study also include critical thinking, financial analysis, industry technology, social media, marketing, food and beverage strategy and logistics, human resources and customer awareness.

As part of this program, all students are provided the opportunity to apply free electives to a variety of on and off campus learning activities.

Upon completion of the program, graduates are expected to:

- Apply food and beverage industry concepts, skills and values to current industry issues.
- Communicate effectively to diverse audiences, purposes and situations in food and beverage operations.
- Use data and other relevant sources to improve organizational performance within food and beverage operations.
- Produce and implement comprehensive management plans for food industry operations.
- Create business plans for beverage operations.

Graduates with sufficient experience, a professional attitude, and technical expertise may obtain positions in a variety of areas that include, but are not limited to, restaurant manager, kitchen manager, executive chef, food and beverage director, catering manager, room service manager, sous chef, beverage manager, and dining room manager.

According to the National Restaurant Association, the food and beverage industry is the largest U.S. employer besides the government.

## Food & Beverage Industry Management

A four-year program leading to the bachelor of science degree for two-year Baking & Pastry Arts or Culinary Arts program graduates

First two years: 62  
in Baking & Pastry Arts

OR

in Culinary Arts

Third and fourth years:

Business Foundations		
ACCT2150	Accounting for Hospitality Service Organizations	3
ACCT3150	Financial Management for Hospitality Service Organizations	3
LAW2005	Hospitality Law	3
Major Courses		
FSM2007	Food and Beverage Technology & Application Systems	3
FSM2055	Beverage Appreciation	3
FSM4061	Advanced Food Service Operations Management	3
FSM4160	Food and Beverage Strategies and Logistics	3
FSM4880	Beverage Operations Management	3
HOSP2040	Human Resources Management in Service Organizations	3
HOSP3053	Hospitality Strategic Marketing	3
Related Professional Studies		
CAR0010	Career Management	1
A&S Core Experience		
Integrative Learning		
One ILS course at the 4000 level		
Arts and Humanities		
PHIL3240	Ethics: A Global Perspective	6
One course from ART, HIST, HUM, LIT or REL		
Mathematics		
MATH2001	Statistics I	3
Social Sciences		
LEAD1010	Foundations of Leadership Studies	6
One course from ANTH, ECON, GEND, PSCI, PSYC, RES or SOC		
A&S Electives		
ECON1001	Macroeconomics	3
Free Electives #		

9 credits selected from 1000-4999 numbered offerings within the university	9
<b>Total Credits</b>	<b>61.0</b>
<b>Four-Year Credit Total</b>	<b>123.0</b>

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits



- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Food & Beverage Management - MINOR

The Food and Beverage Management minor is intended to provide students with a foundation of operational knowledge, skills and industry-recognized certifications in areas such as safe service of alcohol, food allergy concerns and dining operations needed to manage successfully within a wide variety of hospitality industry segments. The minor exposes students to commercial and non-commercial operations and explores the operational cycle of control, potential career paths and the current technologies utilized by leading businesses.

### Food & Beverage Management

#### Minor

Choose five of the following: \* 15

FSM2055	Beverage Appreciation
FSM2110	Food and Beverage Operations in the Sports, Entertainment and Event Management Industry
FSM2130	The Businesses of Non-Commercial Foodservice
FSM3060	Front of the House Operations Management
FSM3111	Catering: Sales and Operations Management
FSM4880	Beverage Operations Management
HOSP2260	Exploring the Private Club Industry

**Total Credits** 15.0

\* Students are responsible for meeting prerequisites.

If a minor course is listed as a major course in a student's major program, the student must choose additional courses from an elective list to complete the minor. Please see the Minors, Specializations and Certificates (p. 343) page for additional information.

# Global Tourism and Sustainable Economic Development - M.S.

The Global Tourism and Sustainable Economic Development Master of Science degree program provides students with opportunities to immerse themselves in the different phases of planning and developing viable programs for sustainable tourism and economic development projects. Students gain a comprehensive knowledge of the newest trends in the tourism business through course lectures and professionally focused learning experiences.

Upon completion of the program, graduates are expected to:

- Formulate strategies to attract and retain market share and promote social and economic development objectives for specific tourism destinations.
- Communicate effectively with tourism industry stakeholders such as policymakers, members of the private sector and the general public.
- Critically evaluate contemporary management and leadership strategies as they relate to the global tourism industry and sustainable business practices.
- Create sustainable tourism development plan that encompass cultural, sociological and motivational differences.

Upon graduation, students may be employed by government agencies and international travel and tourism organizations as consultants and developers of tourism destinations. The private sector may also offer opportunities for employment to graduates of the program.

## Global Tourism and Sustainable Economic Development

Master of Science

### Core Courses

TRVL5010	Tourism Principles and Foundations	3
TRVL5030	Financial Concepts in Sustainable Tourism Development	3
TRVL5050	Foundation of Consulting for the Tourism Industry	3
TRVL5070	Global Tourism Marketing and Branding	3
TRVL5120	Planning for Ethical and Sustainable Tourism Development	3
TRVL5140	Product Development and Innovation in Sustainable Tourism — Shared and Experience Economics	3
TRVL5210	Tourism Economics	3
TRVL6100	Applied Research Methods in Sustainable Tourism Development	3
TRVL6140	International Tourism Development, Economic Issues and Strategic Solutions in the Developing World	3
TRVL6180	International Sustainable Tourism Policy Analysis and Development	3
<b>Total Credits</b>		<b>30.0</b>

# Hospitality Management - B.S.

## Curriculum

The Hospitality Management bachelor's degree program prepares students for rewarding careers in the exciting world of hospitality. Students learn to lead teams in creating unique experiences and memorable moments for people, while contributing to the positive effect of hospitality and tourism on communities and our world. The program includes a strong foundation in business and features courses in hotels and resorts, food and beverage, and sustainable tourism.

Upon completion of the program, graduates are expected to:

- Use the major concepts, skills and values of the hospitality industry to address industry problems within diverse hospitality operations.
- Communicate effectively to diverse stakeholders in the hospitality industry.
- Use decision support tools to resolve guest service issues and facilitate organizational process changes.
- Apply financial reasoning and performance analysis to optimize performance within hospitality operations.

Applied and experiential opportunities, such as internships and study abroad, open the world to students. The program's major electives allow students the flexibility to customize their degree, by exploring a variety of industries within hospitality or specializing in their area of passion.

Upon completion of the Food and Beverage specialization, graduates are expected to:

- Apply food and beverage management concepts, skills and values to current industry challenges.

Upon completion of the Hotels and Resorts specialization, graduates are expected to:

- Recommend sustainable strategies and tactics to achieve operational efficiencies and financial goals.

Upon completion of the Sustainable Tourism specialization (offered at the Providence and Online campuses), graduates are expected to:

- Apply the pillars of cultural preservation, long-term economic viability, and environmental conservation to sustainable tourism development through business decision-making, strategic plans and communication.

## Hospitality Management

A four-year program leading to the bachelor of science degree

### Major Courses

COHM2010	Technology in the Hospitality Industry	3
COHM4050	Strategy and Improvement in the Hospitality Industry	3
FSM2033	Food Service in Hospitality and Tourism	3
HOSP1001	Orientation to the Hospitality Industry	3
HOSP1015	Managing the Hotel Guest Experience	3
HOSP2011	Hospitality Sales and Meeting Management	3
or EVNT2020	The Business of Event Management	
HOSP2040	Human Resources Management in Service Organizations	3
HOSP3053	Hospitality Strategic Marketing	3
TRVL2010	Dynamics of Tourism and Sustainability	3

### Major Electives/Specialization

Choose 21 credits from the following courses (at least one course at the 4000 level and two courses at 3000 level or higher) or a specialization listed below† and 6 credits of major electives:

EVNT2020	The Business of Event Management	
or HOSP2011	Hospitality Sales and Meeting Management	
FSM2055	Beverage Appreciation	
FSM2080	Food Service Operations	
FSM3060	Front of the House Operations Management	
FSM3111	Catering: Sales and Operations Management	
FSM4061	Advanced Food Service Operations Management	
FSM4880	Beverage Operations Management	
HOSP2070	The Gaming Industry	
HOSP2260	Exploring the Private Club Industry	
HOSP3012	Sustainable Hotel Support Operations	
HOSP3077	Revenue Management	
HOSP3440	Resort, Vacation Ownership and Spa Management	
HOSP4040	Hotel Asset Management	

HOSP4055	Hospitality Operations Analysis	
SEE3850	Negotiations and Agreements in Hospitality, Sports, Entertainment and Event Management	
TRVL2165	Food Culture and Tourism	
TRVL2801	World Geography for Tourism and Hospitality	
TRVL3030	International Policies of Tourism	
TRVL4010	Tourism Economics	
TRVL4011	Destination Management Organization	

### Applied/Experiential Learning

Choose 6 credits from the following:		6
COHM4799	College of Hospitality Management Internship <sup>1c</sup>	
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>5a</sup>	

### Related Professional Studies

ACCT2150	Accounting for Hospitality Service Organizations	3
ACCT3150	Financial Management for Hospitality Service Organizations	3
CAR0010	Career Management	1
FYS1020	First-Year Seminar	1
LAW2005	Hospitality Law	3

### A&S Core Experience

Communications Foundations Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
	Two ILS courses, one at the 2000 level, and one at the 4000 level	
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
	One course from ART, HIST, HUM, LIT or REL	
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
	One course from BIO, CHM, PHY or SCI	
Social Sciences		6
LEAD1010	Foundations of Leadership Studies	
	One course from ANTH, ECON, GEND, PSCL, PSYC, RES or SOC	
A&S Electives		6
ECON1001	Macroeconomics	
	One course with an EASC attribute	

### Free Electives<sup>#</sup>

15 credits selected from 1000-4999 numbered offerings within the university	15
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**Total Credits** **122.0**

### †Food and Beverage Specialization

FSM2055	Beverage Appreciation	15
FSM2080	Food Service Operations	
FSM3060	Front of the House Operations Management	
FSM4061	Advanced Food Service Operations Management	
FSM4880	Beverage Operations Management	

### †Hotels and Resorts Specialization

HOSP3012	Sustainable Hotel Support Operations	15
HOSP3077	Revenue Management	
HOSP3085	International Hotel Operations, Development and Management	
HOSP3440	Resort, Vacation Ownership and Spa Management	
HOSP4040	Hotel Asset Management	

### †Sustainable Tourism Specialization

TRVL2165	Food Culture and Tourism	15
TRVL2801	World Geography for Tourism and Hospitality	
TRVL3030	International Policies of Tourism	
TRVL3035	Tour Management Operations	
TRVL4011	Destination Management Organization	

<sup>1c</sup> Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>5a</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is homeschooled or where the traditional high school transcript is, for various reasons, not available. For students applying as a transfer student, a completed application, high school and/or college transcript(s) is required for admissions review.

Successful candidates for first year admission have taken a high school, college preparatory academic program including English, mathematics, science, social science and foreign language. Admissions decisions may also consider individual experiences and particular circumstances unique to each student. Other considerations are made based upon recommendations, writing ability and extracurricular activities.

Visiting campus, both in-person or virtually, and interacting with admissions staff are all valuable ways of assuring that JWU is the right university for you.

## Accelerated Program Options

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

# Sports, Entertainment, Event - Management - B.S.

## Curriculum

The Sports, Entertainment, Event — Management bachelor's degree program prepares students to enter the multi-billion-dollar sports, entertainment and event management industry with the skills and knowledge to excel in their career. A management foundation provides a solid core of industry-relevant courses and a theoretical background. Coursework is coupled with professional preparation, experiential learning, and access to industry professionals.

During the first year of the program, students begin taking foundational courses in sports, entertainment, and event management. As they progress into more advanced coursework, students have the option of selecting specializations to customize their degree to meet their career aspirations.

With 15 credits free electives available, students also have the option to participate in additional off-site internships under the direction of an industry professional. This experience allows students to actively participate in the real-world setting of sports management, event development, entertainment production and venue management. Another impactful option for students is a project-based course to develop an actionable plan and specific deliverable for an on or off campus client. Students can also choose to participate in a study abroad program, select a minor or take additional courses outside of their discipline to enhance their learning experience.

Upon completion of the program, graduates are expected to:

- Apply and synergize core industry and business knowledge realms within a sports, entertainment, and events management industry context.
- Communicate effectively to diverse audiences, purposes, and situations in a variety of contexts within the sports, entertainment, and event management industry.
- Use decision support tools to solve problems and facilitate organizational processes by applying critical thinking and ethical problem solving to management decisions within the sports, entertainment, and event management industry.
- Demonstrate leadership skills and adapt them to a diverse global market in the sports, entertainment, and event management industry.

Upon completion of the Sports Management specialization (offered at the Providence and Charlotte campuses), graduates are expected to:

- Analyze and apply sport business principles to generate informed and fiscally sustainable decisions on behalf of a sports organization

Upon completion of the Event Management specialization (offered at the Providence and Charlotte campuses), graduates are expected to:

- Utilize event management tools and processes to create, execute and evaluate an event.

Upon completion of the Live Entertainment specialization (offered at the Providence Campus), graduates are expected to:

- Analyze and evaluate critical components of live entertainment management.

Graduates of the Sports, Entertainment, Event — Management degree program are prepared for a variety of careers within amateur and professional sports, sports and entertainment venues, conferences and trade shows, event management and production companies and entertainment, concerts, and events. Opportunities exist both nationally and internationally for graduates of this program.

## Sports, Entertainment, Event — Management

A four-year program leading to the bachelor of science degree

### Business Foundations

ACCT1210	Financial Accounting	3
or ACCT2150	Accounting for Hospitality Service Organizations	
FISV2000	Finance	3
or ACCT3150	Financial Management for Hospitality Service Organizations	
FIT1040	Spreadsheet Design for Business Solutions	3
LAW2001	The Legal Environment of Business I	3
or LAW2005	Hospitality Law	
MGMT2001	Human Resource Management	3
or HOSP2040	Human Resources Management in Service Organizations	

### Major Courses

EVNT2020	The Business of Event Management	3
SEE1001	Introduction to the Sports, Entertainment and Event Management Industry	3
SEE2005	The Business of Sports	3
SEE2030	The Business of Entertainment	3
SEE2150	Safety, Security and Risk Management in the SEEM Industry	3
SEE3018	Fan Engagement and the Guest Experience	3
SEE3860	Relationship Management: Sales, Sponsorship and Negotiations	3
SEE4050	International Sports, Entertainment, Event and Venue Management	3
SEE4060	Sports/Entertainment/Event Management Seminar	3

### Major Electives/Specialization

Choose 15 credits of the following (SEE4020 and one course from each of the topics) or Specialization listed below: †

SEE4020	Sports and Entertainment Marketing	
Sports Management:		
SEE3030	Athletic Coaching and Administration	
SPM2012	Intercollegiate, Amateur and Olympic Sports	
SPM2220	Professional Sport Management	
SPM3040	Global Perspectives of Sport	
Live Entertainment:		
EVNT4025	Event Sustainability	
SEE2120	Introduction to the Music Industry	
SEE3060	Concert, Tour and Music Festival Production Management	
SEE4070	Live Entertainment and Concert Tour Management	
Event Management:		
SEE3041	Special Event Protocol	
SEE3042	Weddings & Ceremonies	
SEE3065	Fundamentals of Fundraising and Philanthropy	
SEE3170	International Exhibitions & Events	
Advanced Event Production:		
EVNT4110	Advanced Event Production: Special Events	
EVNT4120	Advanced Event Production: Trade Show	
EVNT4130	Advanced Event Production: Concert	

### Applied/Experiential Learning

Choose 6 credits from the following:

COHM4799	College of Hospitality Management Internship <sup>LC</sup>	6
DEE3999	Directed Experiential Education <sup>D</sup>	
	Study Abroad <sup>Sa</sup>	

### Related Professional Studies

CAR0010	Career Management	1
FYS1020	First-Year Seminar	1

### A&S Core Experience

Communications Foundations Courses		9
ENG1020	Rhetoric & Composition I	
ENG1021	Rhetoric & Composition II	
ENG1030	Communication Skills	
Integrative Learning		6
Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		6
PHIL3240	Ethics: A Global Perspective	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		6
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics I	
Science		3
One course from BIO, CHM, PHY or SCI		
Social Sciences		6
ECON1001	Macroeconomics	
One course from ANTH, GEND, LEAD, PSCI, PSYC, RES or SOC		
A&S Electives		6
Two courses with an EASC attribute		

### Free Electives #

15 credits selected from 1000-4999 numbered offerings within the university

**Total Credits 122.0**

### †Event Management Specialization

EVNT4110	Advanced Event Production: Special Events	
or EVNT4120	Advanced Event Production: Trade Show	
SEE3041	Special Event Protocol	

SEE3042	Weddings & Ceremonies
SEE3065	Fundamentals of Fundraising and Philanthropy
SEE3170	International Exhibitions & Events
<b>†Live Entertainment Management Specialization</b>	
	<b>15</b>
EVNT4025	Event Sustainability
EVNT4130	Advanced Event Production: Concert
SEE2120	Introduction to the Music Industry
SEE3060	Concert, Tour and Music Festival Production Management
SEE4070	Live Entertainment and Concert Tour Management
<b>†Sports Management Specialization</b>	
	<b>15</b>
SEE3030	Athletic Coaching and Administration
SEE4020	Sports and Entertainment Marketing
SPM2012	Intercollegiate, Amateur and Olympic Sports
SPM2220	Professional Sport Management
SPM3040	Global Perspectives of Sport

<sup>Lc</sup>Typically, internships require a minimum of six credits. Students interested in a 9 or 12-credit internship can apply additional experiential learning and free elective credits, if available. Students are strongly encouraged to contact a faculty advisor before scheduling internship and free elective credits.

<sup>D</sup> Directed Experiential Education (DEE) opportunities are based on project availability with community partners and student eligibility. For more information, visit Experiential Education & Career Services (EE&CS).

<sup>Sa</sup>To be eligible to count toward Applied/ Experiential Learning, a Study Abroad offering must meet certain requirements. Contact JWU Global to discuss eligible Study Abroad options for this degree program.

# In addition to classes, free elective credits may be applied to a number of options such as internship, study abroad, Directed Experiential Education courses and courses in a specialization or minor as relevant. For students who qualify for the J2 program (p. 336), up to four graduate courses may apply. Students are strongly encouraged to contact a faculty advisor before scheduling free elective credits.

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Admissions Requirements

### Undergraduate

Johnson & Wales University holistically reviews all elements of a student's application to identify those students most likely to succeed at the university.

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## Accelerated Program Options

### J2 Program

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#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Other Programs

- **Non-Degree**
  - English as a Second Language for Academic Purposes (p. 211)



# English as a Second Language for Academic Purposes

The English as a Second Language program provides international students with an opportunity to learn English for academic purposes through intensive English instruction and weekly enhancement activities for students preparing for admission to undergraduate and graduate degree programs. Instruction is also offered to those students who wish solely to improve their English language skills. Students are placed in 4 different skill area classes: oral communications, reading, writing and grammar.

Course objectives are academically oriented with the aim of preparing students to function at the university level. In addition, students are given opportunities for social and cultural experiences designed to assist with their cultural transition.

Dedicated to student success, the English as a Second Language program places students at their level of English proficiency. Students are expected to take a placement exam when entering the university. Placement test scores determine what level a student is placed into. Students are placed into 1 of 3 different proficiency levels: beginner, intermediate or advanced. Every student is scheduled for a class in each of the 4 skill areas.

Students enrolled in ESL courses will be allowed no more than three (3) attempts to successfully complete each course. Students who are unsuccessful after the second attempt of a course will be assigned an academic standing hold and be placed on academic probation. Students who are unsuccessful after the third attempt of a course will be academically dismissed.

## ESL Course Requirements:

ESL1110	Beginner Level Oral Communication for Academic Purposes	3
ESL1120	Beginner Level Grammar for Academic Purposes	3
ESL1130	Beginner Level Reading for Academic Purposes	3
ESL1140	Beginner Level Writing for Academic Purposes	6
ESL1210	Intermediate Level Oral Communication for Academic Purposes	3
ESL1220	Intermediate Level Grammar for Academic Purposes	3
ESL1230	Intermediate Level Reading for Academic Purposes	3
ESL1240	Intermediate Level Writing for Academic Purposes	6
ESL1310	Advanced Level Oral Communication for Academic Purposes	3
ESL1320	Advanced Level Grammar for Academic Purposes	3
ESL1330	Advanced Level Reading for Academic Purposes	3
ESL1340	Advanced Level Writing for Academic Purposes	6
<b>Total Credits</b>		<b>45.0</b>

## Academic Int'l Programs (ABRD) Courses

### **ABRD4080 Study Abroad - Exchange Program**

This course is a variable-credit placeholder course used to maintain JWU student status while participating in a JWU exchange program. Students apply for the exchange program through JWU Study Abroad, which identifies the approved exchange university institutions. Students are enrolled in exchange university courses overseas. The international host university courses are not from the JWU catalog, so students schedule for this course (3–18 credits) to maintain registration at Johnson & Wales. Offered at Charlotte, Online, Providence  
3-18 Semester Credits

### **ABRD4180 Study Abroad - Affiliate Program**

This course is a variable-credit placeholder course used to maintain JWU student status while participating in a JWU affiliate program. Students apply for the affiliate program through JWU Study Abroad, which identifies the approved affiliate organizations and specific approved programs. Students are enrolled in an affiliate's partner university courses overseas. The international host institution or university courses are not from the JWU catalog, so students schedule for ABRD4180 (3–18 credits) to maintain registration at Johnson & Wales. Offered at Charlotte, Online, Providence  
3-18 Semester Credits

### **ABRD6080 Sustainability, Community Engagement, and Leadership in Nepal**

This course is designed to provide a focused lens on the leadership of sustainability, community engagement, and global citizenship, with an emphasis on nonprofit management. Students utilize a systems perspective to identify and analyze the complex factors that contribute to the challenges and proposed solutions to community-based approaches for addressing the concerns and roles of diverse stakeholders, specifically in Nepal. As a case study, students learn on-site at a nonprofit organizational community in Nepal, the Kevin Rohan Memorial Eco Foundation (KRMEF), which is an innovative and replicable model for sustainable community and leadership development. KRMEF represents an ecological systems (biodynamic) model for addressing the needs of the people and communities specifically in the Kathmandu Valley region of Nepal, with relevance to shared concerns within a global context. Students are immersed in the complex development of Nepal as a developing and post-disaster country and emerging democracy, through relevant readings, structured site visits and excursions, cultural events, and community interaction. Ongoing, intentional reflection provide opportunities for participants to engage with, synthesize, communicate about and act upon what they learn from their experiences and how that relates to academic, professional, civic and leadership interests. Prerequisite(s): RSCH5700. Offered at Online, Providence  
3 Semester Credits

## Accounting (ACCT) Courses

### **ACCT1210 Financial Accounting**

This course introduces students to the basic principles, practices and theories of financial accounting. Topics include the identification, measurement and recording of the financial effects of economic events on enterprises. Emphasis is placed on the understanding and use of financial statements for the corporation, interpretation and use of financial statement information in business decisions, and a study of the system that produces this information. Prerequisite(s): BUS1001 or EQN1001 or EVNT1001 or FSM1001 or FSM2025 or FSM2045 or HOSP1001 or HSC1010 or SEE1001 or SPM1001 (or concurrent), (FIT1040 or FSM2007) (or concurrent). Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ACCT1220 Managerial Accounting**

This course covers how accounting information is used internally for planning, controlling, and decision making. Students learn the nature, application, and behavior of costs for manufacturers, retailers and service providers. The preparation of operating and financial budgets is also covered. Students explore how accounting information is utilized internally to make business decisions relevant to performance evaluation and help align with the organization's goals. Prerequisite(s): ACCT1210. Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ACCT2035 Accounting Software**

In this interactive course, students gain experience with a commercial accounting software package. The course is conducted in a laboratory setting. The software program is selected based on local market demand and designed for small- to medium-sized businesses. Basic through advanced setup, maintenance and the entire accounting cycle are completed using the software. Students master the reporting function and also work with payroll, sales and pricing transactions by customer and/or job. Advanced topics such as the audit trail, closing the books and reversing journal entries are explored. Prerequisite(s): ACCT1210. Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ACCT2150 Accounting for Hospitality Service Organizations**

This course combines the concepts of accounting theory and practices with the specialized requirements of hospitality service organizations. The course introduces the nature and purpose of accounting, the double-entry system, accounting documents, and financial statements of service organizations. Comprehensive coverage is given to revenue and expense accounting, inventory systems, vertical, horizontal and ratio analyses, accounting for current assets and current liabilities with particular focus on unearned revenue, intangible assets, selective topics in property and equipment accounting and sales forecasting. Prerequisite(s): COHM2010, FIT1040 or FSM2007 (or concurrent). Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ACCT2210 Intermediate Accounting Theory and Practice I**

This course provides an introduction to theories, practice and the conceptual framework in financial accounting. Students expand their knowledge of revenue recognition, cash, and accounts receivable, including account valuation and the impact of related transactions on periodic net income and financial position, inventory, and property, plant and equipment. Prerequisite(s): ACCT1210. Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ACCT2220 Intermediate Accounting Theory and Practice II**

This course serves as a continuation of Intermediate Accounting Theory and Practice I. Special topics are studied such as accounting for current and non-current liabilities, stockholders' equity, earnings per share, income taxes, leases, investments, accounting for changes and errors, and the statement of cash flows. Prerequisite(s): ACCT2210. Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ACCT3011 Federal Taxes I**

This course is a study of federal tax laws and treasury regulations and their application to the income of individuals. Practice is given in the preparation of tax returns, supplemental forms and schedules required to be filed by individuals. Prerequisite(s): ACCT1210. Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ACCT3012 Federal Taxes II**

This course involves the study of federal tax laws pertaining to sole proprietorships, advanced personal tax situations, partnerships and corporations. Prerequisite(s): ACCT3011. Offered at Charlotte, Providence  
3 Semester Credits

**ACCT3030 Not-For-Profit and Governmental Accounting**

This course introduces students to the accounting procedures of local and state governments. It also introduces students to the accounting standards of organizations that exist and operate for purposes other than to provide goods and services at a profit. The Single Audit Act (OMB Circular A-133), government auditing standards (the "yellow book") and preparation of federal form 990 are also studied.

Prerequisite(s): ACCT2220.

Offered at Charlotte, Providence

3 Semester Credits

**ACCT3035 Cost Accounting**

This course focuses on the study of accounting in a manufacturing business and advanced topics. Costing procedures covered include job order costing and overhead application rates, activity-based costing, process costing, joint costs allocations, standard costing and variance analysis.

Prerequisite(s): ACCT1220.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ACCT3045 Internal Auditing**

The internal audit function of the modern organization is the subject of this course, with a concentration on the nature of operational auditing, its objectives, procedures and standards. Attention is given to the analysis of the various administrative and accounting controls on which management depends for efficiency and effectiveness of operations.

Prerequisite(s): ACCT2220.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ACCT3050 Advanced Accounting**

This course is designed to provide students with an introduction to international accounting and the knowledge to prepare consolidated financial statements.

Prerequisite(s): ACCT2220.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ACCT3055 Casino Accounting**

This course focuses on the characteristics of casino accounting by providing a history of the gaming industry. This history describes the evolution of the systems of internal control used in casino operations and illustrates the accounting methods used to comply with state and federal regulations according to generally accepted accounting principles and the AICPA Guide to the Casino and Gaming Industry.

Prerequisite(s): ACCT1210.

Offered at Online, Providence

3 Semester Credits

**ACCT3060 Accounting Information Systems**

This course prepares accounting majors for the technology issues they will face in their careers and effective communications with information technology personnel within organizations. Topics covered include transaction and data processing cycles, systems analysis and design, computer fraud and internal control, and auditing accounting information systems.

Prerequisite(s): ACCT1220 or ACCT4040.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ACCT3080 Fraud Examination: Theory and Practice**

This course covers accounting and legal concepts along with the procedures that are necessary to accomplish fraud detection, fraud investigation and fraud prevention duties. Students learn how to analyze allegations of fraud and how to utilize accounting and investigative skills during a fraud investigation. Computerized application development assists in case analysis. Expert witness testimony is also discussed along with a review of the variety of ways to communicate findings.

Prerequisite(s): ACCT1210.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ACCT3150 Financial Management for Hospitality Service Organizations**

This course presents how accounting information is used by management to analyze and measure the efficiency and profitability of hospitality service organizations. The course emphasizes the managerial uses of budgets and variance analysis, relevant cost analysis, regression analysis, and cost-volume-profit relationships. Net present value, internal rate of return, risk and cost of capital are also discussed.

Prerequisite(s): ACCT1210 or ACCT2150, FIT1040 or FSM2007 (or concurrent).

Offered at Charlotte, Online, Providence

3 Semester Credits

**ACCT4040 Auditing**

This course is designed to acquaint the student with methods of verification, analysis and interpretation of generally accepted auditing procedures. The mechanics of planning and implementing an audit and the preparation of reports are studied.

Prerequisite(s): ACCT2220.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ACCT4050 International Accounting**

Accounting for and reporting upon the financial aspects of a multinational corporation are addressed in this course. Topics include foreign currency transactions, foreign currency translation (FASB 52), and accounting policies and practices of countries other than the United States.

Prerequisite(s): ACCT2220.

Offered at Providence

3 Semester Credits

**ACCT4060 Accounting Seminar**

This course is delivered in a seminar format and serves as the capstone course for seniors majoring in Accounting. Using knowledge obtained through previous accounting coursework, students analyze and report on contemporary issues in accounting and auditing. Computer software is used extensively throughout the course.

Prerequisite(s): ACCT2035, ACCT3011, ACCT3035, ACCT4040, senior status.

Offered at Online, Providence

3 Semester Credits

**ACCT6001 Accounting Theory**

This course involves an overview of the theory of accounting with emphasis on recent pronouncements issued by the Financial Accounting Standards Board.

Prerequisite(s): ACCT3050, completion of required accounting prerequisite and foundation courses.

Offered at Online, Providence

3 Semester Credits

**ACCT6003 Advanced Auditing**

This course reviews various relevant auditing topics and enhances students' understanding of compilations, reviews and other attestation services so that they may perform certain audit procedures in a practice case format. This course is highly interactive with students working on various cases in a group format.

Prerequisite(s): ACCT4040, completion of required accounting prerequisite and foundation courses, knowledge of spreadsheet software.

Offered at Online, Providence

3 Semester Credits

**ACCT6020 Individual Taxation**

This course offers students a practical approach to understanding the complexity of the U.S. tax system. Discussion centers on the tax laws as a means of fiscal policy. The course is designed to teach students how to research and understand the initiation of tax law in the legislature, how this is brought through the Treasury Department, and how judicial interpretation affects the understanding of tax issues. Emphasis in the course is on examination of the law of individual taxation from the standpoint of the Internal Revenue Code and pertinent regulations to ultimately foster an understanding of the U.S. tax system and the sources behind the law.

Contemporary tax planning techniques are discussed throughout the course.

Offered at Online, Providence

3 Semester Credits

### **ACCT6021 Corporate Taxation**

This course offers the student a practical approach to understanding the complexity of the U.S. tax system. Discussion centers on the tax laws as a means of fiscal policy. Students explore how to plan to utilize the tax system for financing company needs. The course is designed to teach students how to research and understand the initiation of tax law, how this is brought through the Treasury Department, and how judicial interpretation affects the understanding of tax issues. Emphasis is placed on effective planning to assist shareholders to achieve desired goals in the formation, operation and liquidation stages of a corporation. Contemporary tax planning techniques are discussed throughout the course.

Prerequisite(s): ACCT3011, completion of required accounting prerequisite and foundation courses.

Offered at Online, Providence

3 Semester Credits

## **Advertising Comm (ADVC) Courses**

### **ADVC1010 Marketing Communications**

This course covers the role of marketing communications in the overall marketing process. Emphasis is placed on the integration of advertising, sales promotion, public relations, and interactive marketing in the creation of effective and seamless communication strategies. Students learn how advertising messages are created using consumer insights and how messages are placed in a variety of media channels. Students also learn how each of the promotional mix elements can be used for specific purposes.

Prerequisite(s): FSM3075 or GDES1020 or HOSP3075 or MCOM 1005 or MCST1005 or MRKT1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ADVC1021 Influencer Marketing**

This course introduces students to the emergence of social media influencers in public relations and marketing. In addition to the basic writing requirements and functions of public relations, students learn about the differences between maintaining complete PR lists which include the brand's best media contacts and influencer lists. Particular emphasis is placed on the creation of new media correspondence such as digital press releases and social media influencer campaigns, ad formats and the concept of whitelisting and client correspondence, including agenda and meeting reports.

Prerequisite(s): HOSP3053 or MRKT1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ADVC2001 Content Creation and Generative AI**

This course prepares students on how to create content across digital, social and traditional media channels using a wide range of copy and design tools, including generative AI applications. Emphasis is on teaching students to think both strategically and creatively for the wide range of media and communication tools used by today's advertisers, including generative AI tools and applications. The growing digital creator economy is also covered, including how it has changed the advertising and brand marketing industry, job opportunities and entrepreneurship.

Prerequisite(s): ADVC1010.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ADVC2002 Copywriting and Art Direction**

This course is an introduction to the creative crafts of advertising: copywriting and art direction. The course covers the creative crafts in traditional media such as print, outdoor, broadcast and collateral, and in new media. Copywriting study includes headline writing, body copy, theme lines and tag lines, as well as script writing. Art direction study includes layout, design and typography. This course aids students in incorporating both copywriting and art direction disciplines into portfolio samples.

Prerequisite(s): ADVC2001 or GDES3050.

Offered at Providence

3 Semester Credits

### **ADVC2011 Media Buying and Planning**

This course focuses on the process of media planning and buying with particular emphasis on traditional, digital and social media. Students learn to use media research tools to select appropriate media vehicles that reach specific audiences across various media classes. Topics include media strategy development, agency/media relations, reach and frequency optimization, digital programmatic real-time bidding, and establishing budgets and costs.

Prerequisite(s): ADVC1010.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ADVC4020 Personal Branding and Portfolio Seminar**

This course is designed to give business students an experiential personal branding and portfolio-building seminar in a simulated work environment, under the supervision of faculty with expertise in personal branding. Students assess their body of work, focusing on refining and evolving selected pieces, to show prospective employers the depth of their knowledge and skills in their respective majors. Students complete the course with a diverse and competitive e-portfolio, with a clear personal brand positioning statement about themselves, for their respective career path in business.

Prerequisite(s): MRKT1001, senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ADVC4050 Integrated Search Engine Marketing Campaigns**

This course provides students with the knowledge and skills to develop effective search engine optimization campaigns with particular attention to integrated content marketing strategies. Content marketing includes effective web writing and storytelling. Students explore the various components that go into creating websites resulting in high page rankings, leading to customer engagement and achieving organizational objectives and integration with programmatic and email marketing campaigns. Topics include SEO architecture, key navigation and linking principles and content development and design principles. Dashboards and A-B testing are used to assess ROI and optimize website performance in terms of traffic and conversion. Certifications are available in Google Analytics.

Prerequisite(s): ADVC2011, sophomore status.

Offered at Online, Providence

3 Semester Credits

### **ADVC4120 Marketing Communications in an International Context**

This course is a variable credit course within the study abroad program. The student earns a variable 3.0 to 9 credits. The purpose of this course is for students to have an international experience in which they can gain firsthand knowledge of how organizations use positioning and communication strategies to achieve specific marketing objectives. Industry visits, cultural excursions and on-the-ground projects provide students with the knowledge and skills to develop integrated marketing communication plans, including advertising, public relations, and media strategies.

Prerequisite(s): ADVC1010, MRKT1001, acceptance into Study Abroad program.

Offered at Charlotte, Online, Providence

3-9 Semester Credits

## **Animal Science (ANSC) Courses**

### **ANSC1010 Introduction to Animal Science**

This course explores how animals are utilized in agricultural production, recreation, and scientific research. Emphasis is placed on the variety of domesticated animal species used in modern agriculture, recreation, and scientific research. The role of animals in substantiable agricultural is examined. Students consider how animal welfare and animal rights topics influence the human animal relationship. Career opportunities in the animal science field are explored.

Prerequisite(s): Corequisite: ANSC1015.

Offered at Providence

3 Semester Credits

**ANSC1015 Introduction to Animal Science Laboratory**

This is a companion course to Introduction to Animal Science. Students expand their knowledge and develop skills in basic care requirements for domesticated and kept animals in agricultural, recreational, and scientific research facilities. The influence of domestication, living arrangements, and management practices on animal behavior is observed with multiple species including beef cattle, dairy cattle, equine, swine, sheep and goats, poultry, and research animal species. Sustainable practices for each facility type are examined. Students partake in hands-on experiences at a variety of selective facilities.

Prerequisite(s): Corequisite: ANSC1010.

Offered at Providence

1 Semester Credit

**ANSC1050 Domestic Animal Anatomy and Physiology**

This course covers the anatomy and physiology of domestic animals, based on cell, tissue, organ and system body structures. Species covered include companion animals in veterinary medicine and domesticated animals used in modern agriculture, recreation, and scientific research. Emphasis is placed on acquisition of a basic knowledge of anatomical structures, their operation and integration. Veterinary and anatomical nomenclature such as body planes and directional terms are studied. The following tissues and organ systems are covered: epithelium, connective tissue, blood and bone marrow, bone/cartilage, muscle tissue, nervous tissue, digestive system, circulatory system, reproductive, urinary system and respiratory system.

Prerequisite(s): Corequisite: ANSC1055.

Offered at Providence

3 Semester Credits

**ANSC1055 Domestic Animal Anatomy and Physiology Laboratory**

This course is a laboratory companion course coordinated with Domestic Animal Anatomy and Physiology lecture, which introduces domestic animal anatomy and physiology of the integumentary, skeletal, muscular, nervous, digestive, urinary and reproductive systems. This course explores anatomical structure and physiologic function through the use of anatomical models, dissection of mammalian specimens and examination/interpretation of diagnostic imaging commonly used in veterinary medicine. A regional/functional perspective is combined with a systemic overview of body systems and animal species comparisons. Skills essential to understanding the interrelationships between body systems, from molecular to organ levels, which are critical to the proper function of the dynamic animal body are applied.

Prerequisite(s): Corequisite: ANSC1050.

Offered at Providence

1 Semester Credit

**ANSC2010 Principles of Animal Nutrition**

This course focuses on nutrition of animal species used in modern agriculture, scientific research and companionship. Comparative digestive anatomy and the classes of nutrients including their digestion, use and sources are discussed. Nutrient requirements and feeding standards are explored. Feed requirements, laws and regulations, and labeling requirements are examined. Emphasis is placed on common feedstuffs and formulating rations and nutritional programs for animal enterprises.

Prerequisite(s): ANSC1050, ANSC1055.

Offered at Providence

3 Semester Credits

**ANSC2030 Principles of Animal Behavior and Training**

This course focuses on the application of ethology to understand and improve the systematic training of animals. This course examines animal behavior and the evolution of animal behavior. The communication process and techniques involving classical and operant conditioning are analyzed. Understanding aggression in animals and techniques to cope with aggression in animals are explored. Students are additionally introduced to and explore the various practices and techniques associated with animal training, with a particular emphasis placed on the skills necessary to train domestic and wild animals for husbandry, handling, and healthcare needs.

Offered at Providence

3 Semester Credits

**ANSC3010 Animal Reproduction and Genetics**

This course examines breeding methods and programs for domesticated animals. Reproductive anatomy, gestation and parturition of various animals are discussed. Students learn to develop a basic animal breeding program that considers Mendelian principles and ethical standards. Heritability and genetic diseases and disorders are researched within various animal populations. Advantages and disadvantages of different breeding methods and selection strategies are explored in this course in order for students to be well-versed in the history and current science of animal reproduction.

Offered at Providence

3 Semester Credits

**ANSC3110 Animal Disease and Preventative Health**

This course develops knowledge of the common diseases and disorders of animal species used in modern agriculture, scientific research and companionship. Fundamental principles in the transmission, pathogenesis, treatment and control of disease are covered. Identification of disease-producing organisms, signs of illness along with knowledge of vaccination and common disease management principles prepare the student to recognize and prevent health problems. Common pharmaceuticals, parasitology and anthelmintic programs are studied.

Prerequisite(s): ANSC1050, ANSC1055.

Offered at Providence

3 Semester Credits

**ANSC3230 Animal Production and Management Laboratory**

This course emphasizes how management practices influence animal production. Modeling production systems that maximize productivity while minimizing environmental impact is explored. Farm-to-table production channels/opportunities and specialty species for local, regional and national distribution are discussed. Students apply theories to a variety of animals including beef and dairy cattle, swine, sheep, goats and poultry. The course includes field trips where students experience topics covered in the course.

Prerequisite(s): Sophomore status.

Offered at Providence

1 Semester Credit

**ANSC3350 Perspectives in Animal-Assisted Interventions**

This course introduces students to the concepts and practices of Animal-Assisted Interventions (AAI), including Animal-Assisted Activities, Therapies and Education (AAA, AAT, AAE). Information regarding the history and evolution of the human-animal bond and the benefits of this relationship are explored. The role of pets and other animals in contemporary society and common uses of animals in therapeutic settings, as well as ethical concerns when working with animals are covered. The history of the use of animals for therapeutic purposes is reviewed and current scientific studies of AAI are examined and evaluated. Guest speakers and/or visits to therapeutic/training facilities helps provides students with firsthand experience and insight into the use of animals as therapeutic agents.

Offered at Providence

3 Semester Credits

**ANSC4120 Animal Welfare, Health and Wellness**

This course focuses on the basic principles, history and application of animal welfare science for multiple species. It is an introduction to the moral and ethical theories of animal rights and welfare. Students learn to assess the welfare of animals in a variety of settings using science-based methods and reasoning. Contemporary issues in animal welfare are explored, including understanding economic incentives to improve animal welfare and reduce economic losses in farm animals. Various means of measuring animal welfare are explored including health, productivity behavior and physiological responses.

Offered at Providence

3 Semester Credits

### **ANSC4230 Laboratory Animal Science and Management**

This comprehensive course in laboratory animal science prepares students for employment as animal care and handling technicians or assistants in scientific laboratories or biotech companies under the supervision of a scientist or lab manager. The course is designed to cover the educational materials necessary for the Assistant Laboratory Animal Technician (ALAT) and Laboratory Animal Technician (LAT) certification exams offered by the American Association of Laboratory Animal Science (AALAS), providing students pathways to establish careers in laboratory animal sciences. Topics covered include laboratory animal husbandry, handling, health and welfare practices. Basic laboratory animal facility administration, safety and management concepts, as well as best practices in research methodology are investigated. Career opportunities in laboratory animal care are explored.

Prerequisite(s): ANSC1050, ANSC1055, BIO1022, BIO1026.

Offered at Providence

3 Semester Credits

### **ANSC4410 Special Topics in Animal Science I**

This course is designed to allow students to pursue advanced work in specialized animal and veterinary science topics; examples of potential topics: Advanced Animal Behavior and Training Techniques, Techniques in Veterinary Practice, and Animal Facilities Management Strategies. The course may be a combination of practical applications of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.

Offered at Providence

1 Semester Credit

### **ANSC4440 Special Topics in Animal Science II**

This course is designed to allow students to pursue advanced work in specialized animal and veterinary science topics; examples of potential topics: Advanced Animal Behavior and Training Techniques, Techniques in Veterinary Practice, and Animal Facilities Management Strategies. The course may be a combination of practical applications of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.

Offered at Providence

3 Semester Credits

### **ANSC4470 Special Topics in Animal Science III**

This course is designed to allow students to pursue advanced work in specialized animal and veterinary science topics; examples of potential topics: Advanced Animal Behavior and Training Techniques, Techniques in Veterinary Practice, and Animal Facilities Management Strategies. The course may be a combination of practical applications of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.

Offered at Providence

1 Semester Credit

## **Anthropology (ANTH) Courses**

### **ANTH1050 Cultural Anthropology**

Anthropology is the study of humankind in all of its diversity. It is divided into four subfields: physical (biological) anthropology, archeology, linguistic anthropology, and cultural anthropology. This course is focused primarily on cultural anthropology, which pays particular attention to culture and its pivotal influence on the social institutions and life experiences that make us human. Culture refers to the values, traditions and social practices shared by a group of people at a particular time and place. This course uses anthropology with its holistic approach and its emphasis on the ethnographic method (participant observation) to examine the richness and complexity of the human experience.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Online, Providence

3 Semester Credits

## **Art (ART) Courses**

### **ART2010 Introduction to Film**

This course is designed to give students an in-depth introduction to the motion picture medium. Students gain an understanding of the technical aspects of filmmaking and the ways in which movies express meaning through cinematography, production design, actor performance, editing, sound design, and narrative. The ideology of film and film theory are also explored.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ART2030 Music Appreciation**

This survey course of the history of music covers the elements of music, terminology, composition, form and style. It also explores the instruments, voices and ensembles that interact to create the art of music, focusing on periods of music after 1500 — Renaissance, Baroque, Classical, Romantic and Modern. American musical theater, jazz and music of world cultures are also studied. Emphasis is on developing critical listening skills and on developing an appreciation of music of many genres.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Providence

3 Semester Credits

### **ART2040 Disease and Illness in Western Art**

This course explores the constantly evolving relationship between art and medicine. In particular, students explore the various ways in which the body, disease and illness have been depicted and understood in Western societies both past and present. Students analyze visual art in historical and cultural context and examine how constructs of religion, gender, sex, race and ethnicity have influenced representations of the body and processes of suffering and healing.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Providence

3 Semester Credits

### **ART3020 Art History**

This course provides an introduction to the understanding and appreciation of art. Emphasis is placed on the visual arts of painting, sculpture and architecture. The course covers the basic principles of design, form and techniques as well as a general chronological history of art from ancient to contemporary works. Students are encouraged to respond actively to works of art through class discussions, museum visits and class projects.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Online, Providence

3 Semester Credits

### **ART3110 World Cinemas**

This course is designed to give students an in-depth introduction to the rich and diverse history of film across the world. Through a series of case studies, students engage deeply with a broad range of international filmmakers, movements and styles, focusing on places such as France, Italy, Japan, China, Brazil, Mexico and more. Students explore the ways in which specific film styles and traditions develop in relation to 1) their own social/cultural contexts, 2) the global dominance of Hollywood Cinema and 3) the “transnational” context of an increasingly globalized film marketplace. In the process, students are not only exposed to a wealth of international films and filmmakers — they move beyond the classic pleasure of simply watching movies and develop the tools necessary to analyze films aesthetically, thematically and technically and to reflect critically upon the social meaning and importance of our global film culture.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **Baking and Pastry Arts (BPA) Courses**

### **BPA1701 Foundations of Baking and Pastry**

This course provides students with essential baking and pastry skills. Through hands-on learning, students apply skills, food science and theories that lay the foundation for advancing through all levels of the baking and pastry program.

Offered at Charlotte, Providence

3 Semester Credits

**BPA1710 Principles of Cake Production and Design**

This course provides students with the skills and knowledge required for producing a variety of cakes using the appropriate mixing method. Students produce different types of buttercreams and icings to be used as fillings and for decorating. Students assemble, ice, stack, tier and finish using a variety of techniques to include buttercream, rolled fondant and glazing. Students develop skills in making various flowers using a range of mediums such as buttercream, modeling chocolate, marzipan, rolled fondant and gum paste. Students are introduced to principles of cake economics which includes costing, pricing and contracts.

Prerequisite(s): BPA1701 (or concurrent).

Offered at Charlotte, Providence

3 Semester Credits

**BPA1720 Plated Desserts**

This course covers preparation and presentation of individual hot and cold plated desserts using a variety of plating techniques. Plate design and menu concepts for pre-plated and a la minute service are emphasized. Flavor and textural development are highlighted. Dietary restrictions are introduced and applied to menu creation.

Prerequisite(s): BPA1701 (or concurrent).

Offered at Charlotte, Providence

3 Semester Credits

**BPA1730 Artisan Bread & Viennoiserie I**

This course provides an introduction to the skills, techniques and equipment of artisan bread and viennoiserie production through a variety of lean, enriched and laminated yeast dough products. Properties and characteristics of ingredients, the baker's percentage system, mixing techniques, controlled fermentation, and baking methodology are studied. Products include commercially yeasted breads, laminated dough and quick breads. Emphasis is placed on hand shaping skills and creating an efficient production schedule.

Prerequisite(s): BPA1701 (or concurrent).

Offered at Charlotte, Providence

3 Semester Credits

**BPA1740 Artisan Bread & Viennoiserie II**

Students in this course focus on natural fermentation and commercial yeast applications in lean and enriched doughs. Skills learned in Artisan Breads & Viennoiserie I are reinforced. Innovative and decorative shaping methods are introduced. Properties and characteristics of alternative, ancient and gluten free ingredients are explored. Emphasis is placed on the baker's percentage system, mixing methods, fermentation control, baking methodology and science.

Prerequisite(s): BPA1701 (or concurrent), BPA1730 (or concurrent).

Offered at Charlotte, Providence

3 Semester Credits

**BPA1750 Chocolate, Confections & Mignardise**

This course provides students with an overview of the cultivation of cacao and the stages involved with the production of chocolate couvertures. Students develop skills and demonstrate an understanding of various chocolate tempering methods. Skills are reinforced through the production of various chocolates and mignardise such as hand dipped pralines, molded bonbons, truffles and petits fours utilizing various chocolates, fillings and finishing techniques. Students produce a variety of sugar confections and utilize decorative sugar mediums such as isomalt and pastillage.

Prerequisite(s): BPA1701 (or concurrent).

Offered at Charlotte, Providence

3 Semester Credits

**BPA2710 Advanced Pastry Applications**

This course allows students to build upon previous coursework to design and construct a variety of petits fours, petits gâteaux and entremets. Students also explore the production of modern pâte à choux and puff pastry items. Emphasis is placed on the finishing and display techniques used for various market segments.

Prerequisite(s): Completion of all freshman baking labs.

Offered at Charlotte, Providence

3 Semester Credits

**BPA2720 Artisan Cafe**

This course introduces and incorporates foundational culinary skills as well as retail and beverage counter service within the context of a pop-up cafe. Station organization, culinary skills and techniques, and café management are emphasized with the integration of current industry trends. Students produce culinary menu items and utilize a variety of baked goods in their daily production. Hot and cold beverage service are introduced and incorporated.

Prerequisite(s): Completion of all freshman baking labs.

Offered at Charlotte, Providence

3 Semester Credits

**BPA3085 French Baking & Pastry Arts- Ecole Nationale Supérieure de Pâtisserie/ENSP**

Delivered entirely abroad by partner organization faculty, this course is designed specifically for students who desire to increase and enhance their skills in French pastry and baking. Theory, demonstration and practice are used to develop skills and knowledge in the French approach to tarts and entremets, chocolate and sugar art, petits fours, plated desserts, sorbets, ice cream, bread and Viennese pastry. The course also includes an introduction to modern technologies and trends as well as food photography, business and entrepreneurship and designing healthy pastries. Students master the techniques of baking and presenting/displaying products in an attractive manner in compliance with the rules of hygiene, traceability, health and safety as they apply to the kitchen. Small group settings provide personalized, interactive and efficient training.

Prerequisite(s): Completion of all Baking Pastry Arts freshman and sophomore labs, FSM1165.

Offered at Charlotte, Providence

12 Semester Credits

**BPA3710 Modern Cake & Floral Design**

This course provides students with advanced knowledge and skills of designing contemporary tiered and themed cakes using modern production and finishing techniques. Emphasis is on cake and floral design while developing skills in piping, cake construction, gum paste flowers, and rolled fondant. Students research, design and develop a theme-specific storyboard as inspiration for class production. Students learn the importance of time management through the completion of multiple course projects.

Prerequisite(s): Completion of all freshman sophomore baking pastry labs, junior status, or department chair approval.

Offered at Providence

3 Semester Credits

**BPA3720 Advanced Naturally Leavened Breads**

This course provides students with an understanding of a variety of grains and their effects on fermentation. Each student develops a starter culture and begins a baking journey from seed to loaf. The close-knit partnership between farmer/miller/baker is explored. Each team of students develops a naturally leavened bread and a grain-based snack item. Students study the properties and characteristics of grains, mixing methods, fermentation styles, and baking methodology.

Prerequisite(s): Completion of all freshman sophomore baking pastry labs, junior status, or department chair approval.

Offered at Providence

3 Semester Credits

**BPA3730 Advanced Viennoiserie and Decorative Breads**

This course provides students with advanced knowledge and skills in designing contemporary and advanced Viennoiserie items. Students use market research to design their own breakfast pastry and display it on a showpiece made from dead or yeasted decorative dough. Students explore sweet and savory applications affiliated with both laminated and enriched doughs. Emphasis is placed on different lamination techniques and the introduction of alternate grains and their effect on enriched doughs. Students investigate chemically leavened breakfast pastries and transform them into modern Gateaux des Voyages.

Prerequisite(s): Completion of all freshman sophomore baking pastry labs, junior status, or department chair approval.

Offered at Providence

3 Semester Credits

### **BPA3740 Contemporary Plated Desserts**

This course focuses on the preparation and presentation of contemporary plated desserts. Students use foundational pastry methods, modern techniques and sensory analysis to create desserts with a well-rounded flavor profile and appealing plate design. Emphasis is placed on the skills needed to develop and manage a dessert menu. Students apply fundamental and innovative pastry techniques to create and execute a contemporary multi-course dessert tasting.

Prerequisite(s): Completion of all freshman sophomore baking pastry labs, junior status, or department chair approval.

Offered at Providence  
3 Semester Credits

### **BPA3750 Modern Chocolatier & Artisan Bean to Bar**

This course covers advanced chocolate and confection manufacturing and the process of bean-to-bar production. Students study large and small-scale production of chocolate items for retail environments, restaurants, and other food service outlets. This course works with water activity (AW) as it applies to determining shelf life in chocolate-based confections. The course covers ingredient/allergen labeling, food-safe packaging, sustainability, and compliance with local, state and federal retail food laws.

Prerequisite(s): Completion of all freshman sophomore culinary or baking pastry labs, junior status, or department chair approval.

Offered at Providence  
3 Semester Credits

### **BPA4710 Advanced Petits Gateaux & Modern Pastry Buffet**

This course allows students to explore their creativity to produce and execute a modern dessert display. Students learn and practice modern pastry techniques under the guidance of their chef instructor. This course focuses on the production and finishing of advanced petits gâteaux and high-end individual pastries with an emphasis on flavor, texture and decorative components. Students collaborate on the daily production and presentation of modern pastries for the first half of the class. Students use the remaining half of the class to design and execute modern pastries for their buffet.

Prerequisite(s): Completion of all freshman sophomore baking and pastry labs, BPA3740, junior status, or department chair approval.

Offered at Providence  
3 Semester Credits

### **BPA4750 Advanced Chocolate & Sugar Artistry**

This course covers advanced aspects of planning, artistic design, and preparation of showpieces. Concepts include a variety of advanced sugar, pastillage and chocolate techniques. Students apply basic principles of design and color theory while expressing their creativity through sculpture. Students also learn the skills of chocolate and sugar mold-making. Students identify the appropriate use of showpieces in the pastry industry.

Prerequisite(s): Completion of all freshman sophomore culinary or baking pastry labs, junior status, or department chair approval.

Offered at Providence  
3 Semester Credits

## **Beverage (BEV) Courses**

### **BEV5100 General Studies in Fermentation Science**

This course explores fermentation in food and beverage systems with emphasis on the functional properties of microorganisms. Students are exposed to a range of topics including the role of microorganisms in generating flavor and aromas of foods, effect of fermentation on food properties, biologically active compounds, safety and process control in the food fermentation industry.

Offered at Providence  
3 Semester Credits

### **BEV5200 Advanced Global Wine Studies**

This advanced wine course provides an overview of the world of wine. The vineyard and the winery are the initial focus which develops into sensory evaluation. The main wine producing areas of the world are covered examining the historical, cultural and legislative influences that have influenced the wines style and quality. Business principles are discussed where the main objective is to understand the marketability and profitability of wines and to make strategic business decisions. Depending on the knowledge and previous experience of the student, beverage certifications from internationally recognized organizations will be an option.

Offered at Online, Providence  
3 Semester Credits

### **BEV5250 Advanced Global Studies in Beer and Brewing Operations**

The course provides students with a broad understanding of the beer and brewing industry within the context of the global beverage marketplace. Students examine the many issues faced by modern breweries of all sizes and types, including changes in consumer attitudes and behavior. Students build on a basic understanding of beer production styles to examine various supply chain models, changing regulatory climates, environmental and ethical considerations, and the applications of technologies to address industry challenges. Students develop strategies for sustainable growth and logistical process and operational efficiencies.

Offered at Online, Providence  
3 Semester Credits

### **BEV5300 Advanced Global Spirits Studies**

This advanced spirit course provides an overview of the world of spirits. Distillation and the production of spirit is the primary focus which will develop into sensory evaluation. All spirit categories are covered from production to service. Business principles are discussed, and major global companies and their strategies are analyzed. Sales and marketing, product development, forecasting trends and brand innovations are a major component of this course. The legal aspects from a global standpoint are examined with the implications of importation and taxes. Depending on the knowledge and previous experience of the student, beverage certifications from internationally recognized organizations will be an option.

Offered at Online, Providence  
3 Semester Credits

### **BEV5350 Advanced Beverage Marketing and Retail**

This course provides advanced studies in beverage marketing and retailing terminology and concepts. Students discuss market research, brand creation and establishment, packaging, integrating marketing communications strategies, the three-tier system for distribution, craft beverage tourism, pricing, digital media and legislation around beverage marketing.

Offered at Providence  
3 Semester Credits

### **BEV5400 Contemporary Issues in the Global Beverage Industry**

The nature, scope and significance of this course is to review, discuss and analyze current issues in contemporary global beverage management. Students utilize their knowledge and understanding from other courses to address present-day topics that have various impact within the industry. Daily and weekly news sources serve as primary references for the content of this course.

Offered at Online, Providence  
3 Semester Credits

## **Biology (BIO) Courses**

### **BIO1011 General Biology - Cellular**

This course provides an introduction to the structure, function and genetics of living organisms. It is designed to be a first course for biology majors and to provide a foundation for more advanced courses in the biological sciences. Topics include the chemistry of biological molecules, cell structure and function, photosynthesis and cellular respiration, the cell cycle, mitosis, meiosis and sexual reproduction, and genetics. This course is taken concurrently with General Biology Laboratory - Cellular.

Prerequisite(s): Corequisite: BIO1016.

Offered at Charlotte, Providence

3 Semester Credits

### **BIO1016 General Biology Laboratory - Cellular**

This is a laboratory companion course coordinated with BIO1011 that introduces students to techniques and equipment used in experimental biology. Students take an inquiry-based, self-guided learning approach to the discovery of cell structure and function, photosynthesis and cellular respiration, the cell cycle, and genetics. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.

Prerequisite(s): Corequisite: BIO1011.

Offered at Charlotte, Providence

1 Semester Credit



**BIO1022 General Biology - Organismal**

This course provides an introduction to evolution, the diversity of life on earth, plant and animal form, function, growth, development and reproduction, ecology and ecosystems. This course is taken concurrently with General Biology Laboratory - Organismal.

Prerequisite(s): Corequisite: BIO1026.

Offered at Charlotte, Providence

3 Semester Credits

**BIO1026 General Biology Laboratory - Organismal**

This is a laboratory companion course coordinated with BIO1022 that introduces students to techniques and equipment used in experimental biology. Students take an inquiry-based, self-guided learning approach to the discovery of the mechanisms of evolution, plant and animal development, and growth, ecology and ecosystems. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.

Prerequisite(s): Corequisite: BIO1022.

Offered at Charlotte, Providence

1 Semester Credit

**BIO2001 Genetics**

This course provides students with the knowledge and analytical skills necessary to understand the principles of modern genetics. The nature of genes, genomes and chromosomes; mechanisms of recombination and mutation; Mendelian inheritance patterns; and genetic mechanisms underlying evolution are studied. Genetic studies performed on model organisms (such as bacteria, yeast and mold) are discussed to illustrate and reinforce genetic principles relating to human genetics and diseases.

Prerequisite(s): BIO1011, BIO1016, BIO1022, BIO1026.

Offered at Charlotte, Providence

3 Semester Credits

**BIO2003 Human Anatomy and Physiology I**

This course is the first course of a two-semester sequence in which human A&P are examined through a systems approach to the human body, where systems are examined based on the interaction between form and function from the organismal level to the microscopic components of the tissues.

The topics covered in this first course are body plan and organization, homeostasis, chemistry and cellular biology, histology, integumentary system, skeletal system and articulations, muscular system, nervous system, general and special senses, and endocrine system.

Prerequisite(s): BIO1011 and BIO1016, or SCI1015, CHM1000 and CHM1006 or CHM1022 and CHM1026, Corequisite: BIO2006.

Offered at Charlotte, Providence

3 Semester Credits

**BIO2006 Human Anatomy and Physiology I Laboratory**

In this laboratory course, students examine the macroscopic and microscopic structure of the human body using anatomical models, histology preparations, and dissection. Students collect, analyze and apply data to examine and understand human physiologic processes. Activities include experiments, computer simulations and measurement of physiologic activity in human subjects. Topics covered in this first course of the two course sequence are anatomical terminology, homeostasis and cellular transport mechanisms, histology, skeletal system and articulations, muscular system and movement, nervous system structure and physiology, general and special senses, endocrine system structures and physiology. Equipment commonly found in a medical setting is used. A&P I (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.

Prerequisite(s): BIO1011 and BIO1016, or SCI1015, CHM1000 and CHM1006 or CHM1022 and CHM1026, Corequisite: BIO2003.

Offered at Charlotte, Providence

1 Semester Credit

**BIO2013 Human Anatomy and Physiology II**

This course is the second course of a two-semester sequence in which human A&P are examined through a systems approach to the human body, where systems are examined based on the interaction between form and function from the organismal level to the microscopic components of the tissues. The topics covered in this second course are cardiovascular system, lymphatic system and immunity, respiratory system, digestive system, nutrients and metabolism, urinary system, fluid/electrolytes and acid-base balance, and reproductive system.

Prerequisite(s): BIO2003, BIO2006, Corequisite: BIO2016.

Offered at Charlotte, Providence

3 Semester Credits

**BIO2016 Human Anatomy and Physiology II Laboratory**

In this laboratory course, students examine the macroscopic and microscopic structure of the human body using anatomical models, histology preparations, and dissection. Students collect, analyze and apply data to examine and understand human physiologic processes. Activities include experiments, computer simulations and measurement of physiologic activity in human subjects. The topics covered in this second course of the two course sequence are cardiovascular system, respiratory system, digestive system, nutrients and metabolism, urinary system, fluid/electrolytes and acid-base balance, and reproductive system. Equipment commonly found in a medical setting is used. A&P II (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.

Prerequisite(s): BIO2003, BIO2006, Corequisite: BIO2013.

Offered at Charlotte, Providence

1 Semester Credit

**BIO2041 Human Physiology**

This course examines the molecular, cellular and tissue-level processes involved in the function of human organ systems. Emphasis is on maintenance of internal homeostasis, organ system integration and components of human disease. Concurrent enrollment in BIO2046 Human Physiology Laboratory is required. Human Physiology (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.

Prerequisite(s): BIO1011 and BIO1016, or SCI1015, CHM1022 and CHM1026 or CHM1000 and CHM1006, Corequisite: BIO2046.

Offered at Charlotte, Providence

3 Semester Credits

**BIO2046 Human Physiology Laboratory**

This laboratory course allows students to collect, analyze and apply data to examine and understand human physiologic processes. Activities include experiments, computer simulations and measurement of physiologic activity in human subjects. Equipment commonly found in a medical setting is used. Human Physiology (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.

Prerequisite(s): BIO1011 and BIO1016, or SCI1015, CHM1022 and CHM1026 or CHM1000 and CHM1006, Corequisite: BIO2041.

Offered at Charlotte, Providence

1 Semester Credit

**BIO2201 General Microbiology**

This course introduces the basic morphological, physiological and genetic aspects of various microbes, and explores the application of this information in medical, agricultural and industrial settings. Key topics include structure/function relationships, factors affecting the growth and control of microorganisms, microbial genetics and evolutionary mechanisms, host-microbe interactions, microbial ecosystems, and applied microbiology. Emphasis is on the relationship between developments in the field of microbiology and various aspects of modern society.

Prerequisite(s): (BIO1011/BIO1016 or SCI1015) and (CHM1000/CHM1006 or CHM1022/CHM1026 or CHM2040), Corequisite: BIO2206.

Offered at Charlotte, Providence

3 Semester Credits

### **BIO2206 General Microbiology Laboratory**

This is a laboratory companion course to be taken concurrently with General Microbiology. Students examine the properties of various microbes and factors affecting the growth and control of microbial agents. Throughout the term, students gain experience in light microscopy, pure culture and enrichment techniques, microbial identification, and enumeration. Emphasis is on appropriate and safe use of standard microbiological and molecular lab equipment and methods, as well as the ability to apply the scientific process. Prerequisite(s): (BIO1011/BIO1016 or SCI1015) and (CHM1000/CHM1006 or CHM1022/CHM1026 or CHM2040), Corequisite: BIO2201.

Offered at Charlotte, Providence  
1 Semester Credit

### **BIO2510 Plant Cultivation I: Soil, Soil Substitutes, and Disease Management**

This course provides an overview of the cultivation of select species of plants, from seeds to mature reproductive plants. This course introduces concepts related to the organization of the plant body at the tissue, organ and system level and the related abiotic factors necessary for plant cultivation. Students study the structure and function of the root and shoot systems with an emphasis on environmental, physical and cellular physiological factors required for successful plant cultivation, and disease and pest management. This course is taken concurrently with Plant Cultivation I: Soil, Soil Substitutes, and Disease Management Laboratory.

Prerequisite(s): BIO1022 and BIO1026, Co-requisite: BIO2516.  
Offered at Providence  
3 Semester Credits

### **BIO2516 Plant Cultivation I: Soil, Soil Substitutes, and Disease Management Laboratory**

This laboratory course provides an overview of the cultivation of select species of plants, from seeds to mature reproductive plants. This course introduces concepts related to the organization of the plant body at the tissue, organ and system level and the related abiotic factors necessary for plant cultivation in soil and soil substitute growing medium. Students study the structure and function of the root and shoot systems with an emphasis on environmental, physical and cellular physiological factors required for successful plant cultivation, and disease and pest management. This course is taken concurrently with Plant Cultivation I: Soil, Soil Substitutes, and Disease Management Lecture.

Prerequisite(s): BIO1022 and BIO1026, Co-requisite: BIO2510.  
Offered at Providence  
1 Semester Credit

### **BIO3040 Molecular Biology**

This course provides students with the opportunity to study current topics related to DNA replication, mutation, recombination and gene expression in prokaryotes, eukaryotes and their viruses. Students analyze primary journal articles that focus on the application of molecular biology in the health sciences, such as nutrigenomics, RNAi and epigenetic regulation. Additionally, students debate the ethics behind cloning and the genetic modification of organisms.

Prerequisite(s): BIO2001.  
Offered at Providence  
3 Semester Credits

### **BIO3046 Molecular Biology Laboratory**

This course uses select technologies to probe the central dogma of biology: DNA-->RNA-->Protein. Students carry out experiments to extract, purify and modify DNA, RNA and proteins within a model organism. Students use bioinformatic techniques in the design of their experiments. This course helps students to identify appropriate technologies to use when performing molecular biology procedures and prepares students seeking an entry position in the field of biotechnology and/or entry into a graduate research lab.

Prerequisite(s): BIO2001, Corequisite: BIO3040.  
Offered at Providence  
1 Semester Credit

### **BIO3070 Evolution**

This course provides a background into the mechanisms of evolution including natural and other forms of selection and the role of genetic variation, mutations and genetic drift in these processes. Problems associated with classification and inferring phylogenetic relationships between organisms are also examined. Other topics include a history of life on earth, causes of speciation and extinction, coevolution, human evolution and cultural evolution.

Prerequisite(s): BIO1011, BIO1016, BIO1022, BIO1026.  
Offered at Providence  
3 Semester Credits

### **BIO3080 Epigenetics**

“Nature vs. Nurture: Are organisms a product of their DNA or their environment?” This question has plagued scientists and philosophers throughout the ages; in recent years, the field of epigenetics has begun to answer that question at the molecular level. Epigenetics explains the complex interplay between one’s environment and the expression of their genes, affected by chemical variations along chromosomes. Even more influential is the fact that some of these alterations are passed on to subsequent generations, thus beginning to explain the long-term implications of “good” vs. “bad” environment on health outcomes. This course first discusses the organization of chromosomes and how DNA methylation, histone modifications, chromatin remodeling, and the association of non-coding RNA molecules affect gene expression; it also explores how these complex statuses are determined by scientists. Finally, students explore specific epigenetic examples in scientific literature—namely, in relation to nutrition, trauma, cancer, neurological disorders, and development.

Prerequisite(s): BIO1011, BIO1016, BIO1022, BIO1026.  
Offered at Providence  
3 Semester Credits

### **BIO3100 Coastal Ecology**

This course examines the characteristics of coastal marine habitats, the flora and fauna of these habitats, and their ecological relationships. Anthropogenic effects on coastal habitats are also examined.

Prerequisite(s): BIO1022 and BIO1026, Corequisite: BIO3106.  
Offered at Providence  
3 Semester Credits

### **BIO3106 Coastal Ecology Laboratory**

This laboratory companion course coordinates with BIO3100. This course uses an inquiry-based learning approach to reinforce fundamental ecological concepts and introduce students to methods of data collection and analysis commonly used in ecology. Students are required to organize, analyze, interpret and present ecological data collected using various laboratory and field methods. Additionally, this laboratory course provides students with the opportunity to practice laboratory and field safety procedures. Special consideration is given to concepts and methods relevant to research conducted in the coastal environment.

Prerequisite(s): BIO1022 and BIO1026, Corequisite: BIO3100.  
Offered at Providence  
1 Semester Credit

### **BIO3400 Fundamentals of Pharmacology**

This course integrates knowledge from core science courses including physiology, biochemistry and cellular and molecular biology to ascertain the relationship between biological processes and therapeutic agents. An understanding of pharmacology basics, including pharmacokinetics, pharmacodynamics and a systematic cognizance of pharmacotherapy is emphasized. Course content brings an awareness of the adverse effects of pharmacologic agents on humans, animals, microorganisms and ecosystems.

Prerequisite(s): (SCI1015 or (BIO1011 and BIO1016)) and (SCI2031 or (BIO2003 and BIO2006) or (BIO2041 and BIO2046)), sophomore status.  
Offered at Online, Providence  
3 Semester Credits

**BIO3510 Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction**

This course builds upon the major concepts introduced in BIO2510: Plant Cultivation I: Soil, Soil Substitutes, and Disease Management. Students learn how to propagate plants from cells, seeds, and mature vegetative cuttings, via hydroponic, aquaponics and tissue culture systems. The application of biotechnology to optimize and create economically valuable plants is discussed. Students are introduced to harvesting of targeted parts of the plant and chemical extraction techniques to isolate bioactive compounds for medicinal purposes. This course is taken concurrently with Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetic Manipulation and Extractions Laboratory.

Prerequisite(s): BIO2510, BIO2516 and (CHM1000/CHM1006 or CHM1022/CHM1026), Corequisite: BIO3516.

Offered at Providence

3 Semester Credits

**BIO3516 Plant Cultivation II: Hydroponics, Aquaponics, Tissue Culture, Genetics and Extraction Laboratory**

This laboratory companion course coordinates with BIO3510. Students have the opportunity to implement the techniques and equipment used to propagate plants from cells, seeds, and mature vegetative cuttings, via hydroponic, aquaponics and tissue culture systems. The application of biotechnology to optimize and create economically valuable plants are discussed and applied. Students learn how to harvest targeted parts of the plant and are introduced to chemical extraction techniques used to isolate bioactive compounds for medicinal purposes.

Prerequisite(s): BIO2510, BIO2516 and (CHM1000/CHM1006 or CHM1022/CHM1026), Corequisite: BIO3510.

Offered at Providence

1 Semester Credit

**BIO3620 Comparative Vertebrate Anatomy**

What features do you share with fish? Birds are dinosaurs? When and how did mammals evolve? In this course, these and other questions are addressed using a multidisciplinary approach incorporating anatomy, physiology, development, ecology and environment to trace the evolution of vertebrate life. Through this approach, students gain a deeper understanding of the basis of human anatomical form and function.

Prerequisite(s): BIO1022, BIO1026, Corequisite: BIO3626.

Offered at Providence

3 Semester Credits

**BIO3626 Comparative Vertebrate Anatomy Laboratory**

Dissection and study of representative species illustrating the evolution of vertebrate design form the foundation of this laboratory experience. Specimens to be studied include amphioxus, lamprey, shark, amphibian (Necturus), and cat or rabbit. Through this approach, students gain a deeper understanding of the basis of mammalian (and human) anatomical form and function.

Prerequisite(s): BIO1022, BIO1026, Corequisite: BIO3620.

Offered at Providence

1 Semester Credit

**BIO4020 Integrative Biology**

Integrative biology is a capstone biology course that applies the fundamental biological concepts of genetics, molecular biology, biochemistry, evolution and ecology to explain biological systems from molecules to communities. This course uses primary literature and bioinformatics to explore microbial interactions, personalized medicine, and biomics. This course is paired with BIO4026 Integrative Biology Laboratory, which allows students to complete a senior research project tied to one of the major topic areas.

Prerequisite(s): BIO3040, Corequisite: BIO4026.

Offered at Providence

3 Semester Credits

**BIO4026 Integrative Biology Laboratory**

This course is a thematic laboratory experience associated with BIO4020 Integrative Biology. This course requires students to investigate a scientific problem through a laboratory, in silico, and/or field research study in one of the following areas: microbial host interactions, personalized medicine, or biomics. Students develop skills essential for becoming an active member of the scientific community and workforce, such as scientific literacy, experimental design, modern research techniques, data collection and analysis, and scientific oral and written communication.

Prerequisite(s): BIO3040, Corequisite: BIO4020.

Offered at Providence

1 Semester Credit

**BIO4030 Advanced Anatomy**

This upper-level anatomy course expands on the content from prerequisite courses through cadaver-based dissection to explore the structure of the human body from functional, developmental and clinical perspectives. All organ systems are studied using prosection and team-based dissection of human cadavers.

Prerequisite(s): BIO2013, BIO2016.

Offered at Providence

3 Semester Credits

**BIO4040 Functional Histology**

This course focuses on the relationship between structure and function of the microscopic aspects of mammalian cells, tissues, and organ systems. It begins with examination of the four basic tissue types. This background is then applied to the histological examination of human organ systems. Functional relationships are emphasized by contrasting normal and pathological specimens.

Prerequisite(s): BIO2013, BIO2016 or BIO2021, BIO2026, Corequisite: BIO4046.

Offered at Providence

3 Semester Credits

**BIO4046 Functional Histology Laboratory**

This course supplements BIO4040, giving students a hands-on experience with microscopic investigation of the histological structure of mammalian tissues with a specific focus on human histology. The laboratory includes experience preparing tissue and making slides of animal tissue.

Prerequisite(s): BIO2013, BIO2016 or BIO2021, BIO2026, Corequisite: BIO4040.

Offered at Providence

1 Semester Credit

**BIO4070 Fundamentals of Immunology**

This is a survey course that introduces students to basic concepts of immunology and fosters an understanding of the immunological processes that underlie human disease pathogenesis.

Prerequisite(s): BIO1011, BIO1016, BIO3010 or CHM3040.

Offered at Charlotte, Providence

3 Semester Credits

**BIO4100 Senior Seminar in Biology**

This is a capstone biology course that allows students to integrate all previous coursework to examine relevant topics in biology. Each term the course focuses on one such topic, and students are charged with finding, analyzing and critically discussing relevant primary journal articles related to that theme. Additionally, students are assigned a research project, for which they must complete a written report and oral presentation.

Prerequisite(s): BIO1011, BIO1016, BIO1022, BIO1026, CHM1022, CHM1026, MATH2010, senior status.

Offered at Providence

3 Semester Credits

**BIO4510 Applications of Plants & Fungi**

This course presents an in-depth look at the evolution of plants and fungi and their respective uses in our society. Students immerse themselves in the structure, function and life cycle of representative members of the Kingdom Plantae and Fungi. Students explore how plants and fungi contribute to all aspects of modern society, such as food, medicine, industrial application, clothing, biotechnology, energy, etc.

Prerequisite(s): BIO3510, BIO3516, Corequisite: BIO4516.

Offered at Providence

3 Semester Credits

### **BIO4516 Applications of Plants & Fungi Laboratory**

This laboratory companion course coordinates with BIO4510. This course uses hands-on experiences to reinforce the major concepts associated with the evolution of plants and fungi and their respective uses in our society. Students immerse themselves in the structure, function and life cycle of representative members of the Kingdom Plantae and Fungi. Students explore how plants and fungi contribute to all aspects of modern society, such as food, medicine, industrial application, clothing, biotechnology, energy, etc. Prerequisite(s): BIO3510, BIO3516, Corequisite: BIO4510.

Offered at Providence

1 Semester Credit

## **Biomedical Engineering (BME) Courses**

### **BME3010 Biomaterials**

This course focuses on the properties, structure, and design of biomaterials, biologic response and integration with them, and clinical considerations to biomaterials in the development of medical devices. Biomaterials is an interdisciplinary field of material science, engineering mechanics, chemistry and biology. Topics include structure and properties of materials, biomaterial manufacturing processes, surface properties of materials, biological interactions with biomaterials, biological integration with biomaterials, wound healing, coatings and adhesives, drug delivery, and regulatory and ethical issues related to biomaterials.

Prerequisite(s): CHM1000, CHM1006, ENGN3075 or ENGN3077 (or concurrent), SCI2031.

Offered at Providence

3 Semester Credits

### **BME3020 Biomechanics**

Biomechanics is an undergraduate course that builds upon and applies the concepts in Physics I, Physics II, Statics, and Dynamics to human function and movement, and an introduction to viscoelasticity of tissues. This course covers the analysis of forces in static and dynamic biological systems, the application of stress and strain analysis to biological tissues, structure function relationships in tissues and organ systems, and instrumentation systems.

Prerequisite(s): ((PHY1011, PHY1016) or (PHY2011, PHY2016)), (PHY1022, PHY1026) or (PHY2022, PHY2026)), ENGN3025 (or concurrent).

Offered at Providence

3 Semester Credits

### **BME4010 Medical Imaging Modalities**

This course presents the fundamentals of multiple modalities of biomedical imaging and biological signal recording and provides students with exposure to the critical topics in mathematics, physics and computer science that constitute the conceptual core of modern medical imaging. An additional goal of the course is to familiarize the students with the standard clinical and research applications of the several imaging modalities available in most large hospitals and research institutions. The course begins with basic concepts in digitizing analog signals (Fourier Transform, bandwidth of signal, sampling theorem) and the physics of interaction between electromagnetic waves, sound waves and biological tissues. Subsequent topics include the presentation of clinical biomedical imaging modalities (e.g., X-ray, CT, ultrasound, MRI, PET); physics of imaging modalities; recordings of biological signals (e.g., EEG, EcoG, ECG); the use of stimulation devices in the body (e.g., pacemakers, TMS, DBS, focused ultrasound); and emerging imaging modalities.

Prerequisite(s): ENGN2101, ENGN2102, ENGN3025, SCI2031, ((PHY1022 and PHY1026) or (PHY2022 and PHY2026)).

Offered at Providence

3 Semester Credits

### **BME4020 Interventional Physiology - Medical Device Innovation**

This course examines the development of medical devices, instrumentation, pharmaceuticals, and emerging technologies. It introduces students to many aspects of biomedical innovation including the research, design constraints, standards and regulations to create a commercial medical product. Cases studies are selected from existing and emerging technologies including heart valves, vascular stents, joint replacement devices and instrumentation, neural stimulation techniques, biometrics, and artificial intelligence/machine learning technologies. Students review the anatomical and physiological context and constraints for the technology or device and compare how the technology/device relates to existing therapies. In addition to the physical and physiological aspects of innovation, students learn about industry and manufacturing regulation and quality, clinical trials, and bioethical aspects of the technology.

Prerequisite(s): BIO1011, BIO1016, SCI2031.

Offered at Providence

3 Semester Credits

### **BME4030 Biomedical Engineering Design**

This capstone course is an intensive, semester-long, project-based course in which students select, plan for and design a novel device or technology or an improvement to an existing technology. Students work independently on a design or technical problem resolution or in project teams to apply acquired discipline-specific skills and knowledge, develop leadership and collaborative abilities, and refine critical thinking, problem solving skills and project management skills. This course reinforces issues of intellectual property, bioethics and safety. Students submit their work for regular phase reviews on specific time schedules to monitor project progress, troubleshooting, quality and functionality of the prototype.

Prerequisite(s): BME3010, BME3020, BME4020.

Offered at Providence

3 Semester Credits

## **Career Management (CAR) Courses**

### **CAR0010 Career Management**

This career management course focuses on preparing and empowering students to make effective career choices, demonstrate professionalism, identify and pursue internships, and begin to navigate their career direction. Students learn a variety of methods to personally brand themselves, enhance and customize their job search materials, and market themselves effectively to employers. Various job search, networking and interview techniques are reinforced. Other topics include personal financial management and exploring graduate-level programs.

Prerequisite(s): 60 semester credits.

Offered at Charlotte, Providence

1 Semester Credit

## **Chemistry (CHM) Courses**

### **CHM1000 Foundations in Chemistry**

This is a comprehensive course for those fields requiring knowledge of general chemical concepts. Emphasis is on applied areas of interest where aspects of atomic and molecular structure and function are particularly important. Topics covered include stoichiometry of chemical reactions, energy interrelationships between reactants, atomic structure and chemical bonding.

Prerequisite(s): MATH1020 or math placement, Corequisite: CHM1006.

Offered at Providence

3 Semester Credits

### **CHM1006 Foundations in Chemistry Laboratory**

This is a laboratory companion course coordinated with CHM1000. Emphasis is on inquiry-based exercises that illustrate and demonstrate important skills and principles of theoretical chemistry and applied chemistry. Topics covered include stoichiometry of chemical reactions, energy interrelationships between reactants, atomic and molecular structure, and chemical bonding.

Prerequisite(s): MATH1020 or math placement, Corequisite: CHM1000.

Offered at Providence

1 Semester Credit

**CHM1011 General Chemistry I**

This is the first course in general chemistry. Students take an active-learning approach to the discovery of scientific measurements, atomic structure, stoichiometry, thermochemistry, electron configurations, bonding models for chemical compounds, VSEPR (Valence Shell Electron Pair Repulsion) and gases.

Prerequisite(s): MATH1020 or math placement, Corequisite: CHM1016.

Offered at Charlotte, Providence

3 Semester Credits

**CHM1016 General Chemistry I Laboratory**

General Chemistry I is a laboratory companion course coordinated with CHM1011 which introduces students to techniques and equipment used in experimental chemistry. Students take a guided inquiry-based approach to the discovery of the structure of atoms, scientific measurements, proper calculations of chemical reactions, thermochemistry, spectroscopy and the states of matter. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.

Prerequisite(s): MATH1020 or math placement, Corequisite: CHM1011.

Offered at Charlotte, Providence

1 Semester Credit

**CHM1022 General Chemistry II**

This course is the second course in general chemistry. Students take an integrated learning approach to the discovery of intermolecular forces, properties of solutions, kinetics, equilibria, acid/base chemistry and electrochemistry.

Prerequisite(s): CHM1011, CHM1016, MATH1030, Corequisite: CHM1026.

Offered at Charlotte, Providence

3 Semester Credits

**CHM1026 General Chemistry II Laboratory**

This is a laboratory companion course coordinated with CHM1022 that introduces students to techniques and equipment used in experimental chemistry. Students take an inquiry-based, self-guided learning approach to the discovery of acid-base reactions, calculations of chemical equilibrium, investigations into the structure of solids and liquids, behavior of gases under various conditions, and calculations of solution concentrations. Students also identify, when appropriate, the application of Green Chemistry procedures. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.

Prerequisite(s): CHM1011, CHM1016, MATH1030, Co-requisite: CHM1022.

Offered at Charlotte, Providence

1 Semester Credit

**CHM2011 Organic Chemistry I**

This is the first course in the sequence of organic chemistry. In this course, students investigate carbon and its role in the formation of biomolecules. Emphasis is given to the classification of carbon-based reactions, naming of carbon-based compounds (alkanes, alkenes and alkynes), stereochemistry and spectroscopy.

Prerequisite(s): CHM1022, CHM1026, Corequisite: CHM2016.

Offered at Providence

3 Semester Credits

**CHM2016 Organic Chemistry I Laboratory**

This is a laboratory companion course coordinated with CHM2011 Organic Chemistry I that introduces students to techniques and equipment used in experimental organic chemistry. Students use an inquiry-based approach to the discovery of the synthesis of organic compounds, compound characterization using analytical techniques, and the development and evaluation of separation protocols. Students also identify, when appropriate, the application of Green Chemistry procedures. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.

Prerequisite(s): CHM1022, CHM1026, Corequisite: CHM2011.

Offered at Providence

1 Semester Credit

**CHM2022 Organic Chemistry II**

This course is a continuation of CHM2011 Organic Chemistry I. Emphasis is given to substitution and elimination reactions, alcohols, phenols, ethers and their sulfide derivatives, aldehydes, ketones, carboxylic acids and their derivatives, aromatic systems, amines, amides, construction of carbohydrates, amino acids, and lipids.

Prerequisite(s): CHM2011, CHM2016, Corequisite: CHM2026.

Offered at Providence

3 Semester Credits

**CHM2026 Organic Chemistry II Laboratory**

This is a laboratory companion course coordinated with CHM2022 Organic Chemistry II, which introduces students to techniques and equipment used in experimental organic chemistry. Students take an inquiry-based approach to the discovery of reactions that produce alcohols, aldehydes, carboxylic acids, ethers, esters, amines, amides, phenols, and aromatic compounds. Emphasis is given to proper synthesis and analytical evaluation of chemical reaction products. Students also identify, when appropriate, the application of Green Chemistry procedures. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.

Prerequisite(s): CHM2011, CHM2016, Corequisite: CHM2022.

Offered at Providence

1 Semester Credit

**CHM2040 Introduction to General and Organic Chemistry**

This course examines the chemistry of carbon-containing molecules relevant to biological systems such as the human body, beginning with basic atomic structure, chemical bonding and reactions, and the chemistry of acids, bases, buffers and salts. Organic chemistry of all functional groups are examined, including saturated/unsaturated hydrocarbons, aldehydes and ketones, carboxylic acids, amines and alcohols. Emphasis is given to those compounds of biochemical importance.

Offered at Charlotte, Providence

3 Semester Credits

**CHM2050 Introduction to Organic Chemistry**

This course is a one-term overview of organic chemistry intended for students in the health science fields. Nomenclature, properties and reactivity are covered for major organic functional groups, including alkanes, alkenes, alkynes, aromatics, aldehydes and ketones, carboxylic acids, amines, amides, alcohols, thiols, and sulfides. Emphasis is on those compounds, reactions and properties of biochemical importance.

Prerequisite(s): CHM1000, CHM1006 or CHM1022, CHM1026.

Offered at Charlotte, Providence

3 Semester Credits

**CHM2056 Introduction to Organic Chemistry Laboratory**

This is a laboratory companion course coordinated with Introduction to Organic Chemistry. Emphasis is on inquiry-based exercises that illustrate and demonstrate important skills and principles of organic chemistry. Topics include solubility properties, basic organic chemistry laboratory techniques (including extraction and chromatography), and organic reactions with particular focus on those of interest to students in the nutrition and health science fields. Throughout this course, an evidence-based approach to exploration of organic laboratory experiments that are of interest to students in the nutrition and health science fields is emphasized.

Prerequisite(s): CHM1000, CHM1006, or CHM1022, CHM1026, Corequisite: CHM2050.

Offered at Charlotte, Providence

1 Semester Credit

**CHM3040 Biochemistry**

Biochemistry applies the knowledge gained in general and organic chemistry to biological systems with emphasis on applications of chemistry to animal biology, structure of biological molecules, and metabolism. Students gain an understanding of enzymatic kinetics, acid/base chemistry, enzymatic kinetics, metabolic pathways, applications to research and disease pathways, energy production, and metabolic regulatory mechanism in eukaryotes and prokaryotes.

Prerequisite(s): (CHM2040 or CHM2050 or CHM2011, CHM2016) and (BIO1011, BIO1016 or SCI1015).

Offered at Charlotte, Providence

3 Semester Credits

### **CHM3046 Biochemistry Laboratory**

This is a laboratory companion course coordinated with CHM3040. This course applies the basic concepts of biological chemistry to the laboratory setting. Emphasis is on inquiry-based experiments that ask students to explore fundamental concepts and experiments in biochemistry. Topics include experiments that focus on critical biochemical topics including biological buffer systems, amino acid/protein structure and properties, as well as the content of food and other biochemical topics of interest. Throughout this course, an evidence-based approach to exploration of organic laboratory experiments that are of interest to students in the nutrition and health science fields is emphasized.

Prerequisite(s): CHM2040 or CHM2050 or SCI2045 or CHM2011/CHM2016, SCI1015 or BIO1011/BIO1016, Corequisite: CHM3040.

Offered at Charlotte, Providence

1 Semester Credit

### **CHM3200 Analytical Chemistry**

Analytical chemistry is a measurement science that is used in chemistry as well as throughout all fields of science and medicine. This course introduces students to the theory and applications of quantitative analytical chemistry. Topics covered include statistical data analysis; equilibrium constants expressions; acid-base reactions; volumetric analysis; and fundamentals of spectroscopy, electrochemistry, and of separations science. Laboratory experiments include learning about analytical process, calibration of glassware and equipment, wet chemical analysis, electrochemistry, spectroscopy and chromatography.

Prerequisite(s): CHM1022, CHM1026.

Offered at Providence

3 Semester Credits

## College of Arts & Science (ASCI) Courses

### **ASCI4799 College of Arts & Sciences Internship**

Students enrolled in the College of Arts & Sciences Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with workplace challenges, nuances and everyday expectations associated with a variety of functions within the workplace. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success in their chosen profession.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.5 and 2) have completed 57 hours of course work.

Offered at Charlotte, Online, Providence

3-12 Semester Credits

## College of Business (BUS) Courses

### **BUS1001 Introduction to Business and Management**

This course provides students with a fundamental understanding of the global business environment. Students examine the major disciplines within business using business terminology and current business practices. Career exploration and development of professional interests and competencies are integral to this course.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **BUS3010 Business Analytics**

This course explores the dynamic field of business analytics and how big data informs decisions made in accounting, advertising, finance, management, marketing and retail contexts. Students conduct analysis using multiple business intelligence platforms and tools. They learn to organize, analyze and create projections utilizing data sets. Students interpret, model and present data, as well as make data-driven decisions. This course uses a range of methods to demonstrate how analytical skills can be used in a variety of business circumstances to enable competitive advantage.

Prerequisite(s): (BUS1001 or FIVS2000) and (MATH2001 or MATH2002), junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **BUS4030 Global Strategy Capstone**

This capstone course requires students to synthesize knowledge gained from previous coursework to make decisions in a simulated business environment. Understanding the key strategic opportunities and challenges associated with global business activity and developing skills in this area have become essential requirements for success. Students work in teams to compete against classmates as well as teams from other universities around the world. Teams are challenged to apply lessons in developing and executing global corporate strategy to their own simulated company. This course is designed to provide students with the knowledge, skills and business judgment to create sustainable competitive advantage within a global context.

Prerequisite(s): BUS3010, senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **BUS4799 College of Business Internship**

Students enrolled in the College of Business Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the workplace. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success within their chosen profession.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0, and 2) have completed 57 hours of course work.

Offered at Charlotte, Online, Providence

3-12 Semester Credits

### **BUS5000 Business Fundamentals**

This course is one of two prerequisite foundation courses for students entering the MBA program without an undergraduate degree in a business discipline. The course provides a clear understanding of the theories and practices in the management disciplines that lead to the effective administration of a business enterprise, including leadership, ethics, management, operations, marketing, and human resources. Employing examples from the current business environment, the course addresses a broad range of managerial concepts.

Offered at Online, Providence

3 Semester Credits

### **BUS5010 Quantitative Methods in Business**

This course is one of two prerequisite foundation courses for students entering graduate-level business programs without an undergraduate degree in a business discipline. The course provides an understanding of the quantitative practices that are deployed across a wide range of business activities. The basic principles of accounting, finance and microeconomics are supplemented with an explanation of statistical methods and data analytics.

The primary objective of the course is to prepare graduate students for advanced coverage of quantitative topics in graduate business programs.

Offered at Online, Providence

3 Semester Credits

### **BUS6799 College of Business Graduate Internship**

This course engages students in experiential learning to advance and refine their abilities as management professionals. Throughout the internship experience, students integrate graduate studies with previously acquired field/industry specific skills to support the operational/strategic initiatives of the host site and gain important insights into the leadership of successful ventures.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 3.5, and 2) have completed 27 hours of course work, and 3) approval of department chair.

Offered at Online, Providence

3 Semester Credits

## College of Food Innovation & Technology (CFIT) Courses

### **CFIT2699 College of Food Innovation & Technology Intermediate Internship**

Students enrolled in the College of Food Innovation & Technology Intermediate Internship engage in experiential learning to integrate knowledge and skills learned in the classroom within a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen professional field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations within the food industry. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 2) have completed all freshman lab courses, and 3) successful completion of FSM1165.

Offered at Charlotte, Providence

3-12 Semester Credits

### **CFIT2799 College of Food Innovation & Technology Intermediate Internship**

Students enrolled in the College of Food Innovation & Technology Intermediate Internship engage in experiential learning to integrate knowledge and skills learned in the classroom within a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen professional field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations within the food industry. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 2) have completed all freshman lab courses, and 3) successful completion of FSM1165 or FSM1185.

Offered at Charlotte, Online, Providence

3-12 Semester Credits

### **CFIT4799 College of Food Innovation & Technology Advanced Internship**

Students enrolled in the College of Food Innovation & Technology Advanced Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to leverage connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the food industry. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success within their chosen profession.

Prerequisite(s): To be eligible for this internship, students must have completed FSM1165, maintained a cumulative GPA of 2.0 and have completed 90 credit hours of course work.

Offered at Charlotte, Online, Providence

3-12 Semester Credits

## College of Health & Wellness (CHW) Courses

### **CHW4799 College of Health & Wellness Internship**

Students enrolled in the College of Health & Wellness Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the fields of health and wellness. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success in their chosen profession.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75, and 2) have completed 57 hours of course work.

Offered at Charlotte, Online, Providence

3-12 Semester Credits

## College of Hospitality Management (COHM) Courses

### **COHM2010 Technology in the Hospitality Industry**

This course provides students with a comprehensive overview of the various informational systems in the hospitality industry. Students gain basic knowledge in the use of Property Management Systems, Global Distribution Systems, Point of Sales Systems, Sales, Marketing, Loyalty and Operating support systems, current mobile applications, and other current technology available to the travel/tourism and hospitality industry. In addition, the students learn about future technological trends in the industry. Students also develop a working knowledge of Excel spreadsheet skills and learn how to apply those skills to problem-solving cases in the hospitality industry.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **COHM4050 Strategy and Improvement in the Hospitality Industry**

This capstone course provides an overview of strategic management and decision-making in the hospitality industry. The course is summative and builds on concepts introduced and reinforced across the curriculum in the areas of strategy, data analysis, planning, implementation and evaluation. Pragmatic in approach, course activities offer opportunities to develop and practice business competencies required at the managerial level.

Prerequisite(s): Senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **COHM4799 College of Hospitality Management Internship**

Students enrolled in the College of Hospitality Management Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and managerial skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to leverage connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the field of hospitality management. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success in their chosen profession.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 and 2) have completed 57 hours of course work.

Offered at Charlotte, Online, Providence

3-12 Semester Credits

### **COHM6799 College of Hospitality Management Graduate Internship**

Students enrolled in the College of Hospitality Management Graduate Internship engage in experiential learning to advance and refine abilities as management professionals. Throughout the internship experience, students integrate graduate studies with previously acquired field/industry specific skills to support the operational/strategic initiatives of the host site and gain important insights into the leadership of successful ventures.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 3.5, and 2) approval of department chair.

Offered at Online, Providence

3 Semester Credits

## Community Justice (COMJ) Courses

### COMJ1020 Community Justice

This course examines the origins and framework of the community justice movement as a means to achieve justice and prevent crime within localized jurisdictions, while improving quality of community life. This course prepares students to examine various ideas and strategies, such as community organizing, environmental crime prevention, and public-private/nonprofit partnerships as a means to assist criminal justice agencies in strengthening their relationships with the community in order to build healthy and viable communities, while being more responsive to community needs. Additional topics include exploring the decentralization of authority and accountability within our criminal justice system by encouraging front-line workers to take the initiative in order to solve community problems with a focus on bringing citizens into the justice process as advisers, stakeholders, collaborators and partners. Assignments and projects give students opportunities to examine the role of community justice in the context of distinctions and similarities in the use of informal (as opposed to formal) social control as a more effective means of crime management, while engaging in a critical assessment of the limitations, as well as the future of community justice.

Offered at Providence

3 Semester Credits

### COMJ1080 Restorative Justice

This course examines the historical foundations and theoretical framework of restorative justice. By providing a unique perspective on assessing crime and responding to the strains it places upon the offender and victim, as well as the community, this course explores the pillars of harm, obligation, engagement and participation of all stakeholders. This course also examines the implementation of restorative justice practices and policies in order to broaden and enrich prevailing approaches to crime prevention, community building and criminal justice. This course therefore explores the importance of various restorative processes and practices, such as victim-offender mediation, family group conferencing, victim impact panels, peacemaking circles, as well as reparative boards. Assignments and projects give students opportunities to examine the role of restorative justice in the context of distinctions and similarities with transitional justice, while engaging in a critical assessment of the limitations as well as the future of restorative justice.

Offered at Providence

3 Semester Credits

### COMJ2030 Race, Crime and Justice

This course is an exploration of the historical intersection between race, crime, and the juvenile/criminal justice systems, as well as the extent of victimization. This course examines various contemporary issues critical to understanding race and crime through an analysis of policing, courts and corrections in the past and the present, as well as disparities in sentencing and the death penalty. In addition, this course explores existing challenges to the study of race and crime, such as hate/bias crimes, racial profiling, immigration and crime, as well as sentencing disparities, disenfranchisement, and wrongful convictions. Theoretical perspectives on race and crime and the collection of crime data in the United States are compared and contrasted.

Offered at Providence

3 Semester Credits

### COMJ3050 Cultural Awareness and Diversity in Criminal Justice

This course provides students with a background and understanding of the importance of cultural awareness and diversity within our criminal justice system. The course offers a comprehensive examination of existing influences of culture, race, ethnicity, gender and sexual orientation in multicultural communities within criminal justice. The course also looks at the importance of embracing community partnerships with law enforcement as a means to develop successful strategies to alleviate crime trends within multicultural communities and improve professionalism, as well as enhanced and enriched communication with members of diverse groups. Other course topics to be discussed in a broader context include police/community mutual stereotypes, implicit biases, the importance of verbal de-escalation in law enforcement, as well as the importance of improved cross-cultural competency, and improved cross-racial and interethnic relations.

Offered at Providence

3 Semester Credits

### COMJ4060 Change and Innovation in Law Enforcement

This course provides an expansive insight into an array of reforms and innovations in policing from a domestic and global perspective. The course explores evolving areas in police procedure, such as the internet and social media, relationships between higher education and professionalization and accountability, and the restructuring of police relationships with the public in order to develop trust through diversity training within policing and public support for aggressive policing. In addition, students examine challenges being faced by the movement toward innovations in policing and the resistance of adhering to the long-standing origins and traditions of law enforcement. Topics include women in policing, police downsizing and corruption, as well as law enforcement in the fight against terrorism.

Prerequisite(s): Junior status.

Offered at Providence

3 Semester Credits

## Computer Engineering (CENG) Courses

### CENG4030 Digital Integrated Circuit Design

This design course covers CMOS technology and hierarchical VLSI design methodology with a system perspective. Topics include VLSI processing technology, physical design, fabrication and layout process, floor planning, analog and digital simulation of integrated circuits, combination and sequential digital circuit, existing digital system integration, and digital to analog interface circuit. This is a project-based course that requires intensive design and simulation work on a computer.

Prerequisite(s): ENGN3150, ENGN3151, ENGN3180.

Offered at Providence

3 Semester Credits

## Computer Science (CSIS) Courses

### CSIS1000 Problem Solving and Programming Concepts

This introductory course teaches students the fundamentals of problem-solving in computer programming and basic automation. Students learn to use both textual and graphic algorithms as problem-solving tools. In experience-based learning exercises, students work from a problem statement, conduct a task analysis to solve the problem, decide what data is needed to solve the problem, create a visual representation of their solution, and then convert the visual representation to a textual step-by-step statement of their solution. Students also engage in batch scripting using a command-line interpreter to help solve problems using an automated process. Students use various tools currently used in industry, including functional decomposition diagrams, flowcharts, UML diagrams, use cases, metadata charts, data flow documents and pseudocode.

Offered at Charlotte, Online, Providence

3 Semester Credits

### CSIS1101 Computer Science I

This course teaches students to think algorithmically and solve problems efficiently. This course is designed to present an introduction to computer science doctrine; an understanding of core algorithmic concepts (e.g., control structures, assignment, decision structures, mathematical/Boolean operations, etc.); an introduction to structured computer programming languages, problem classification, program development and specification; software development planning techniques; debugging techniques; an introduction to the power of development environments; and documentation of software projects. Students conduct a task analysis to solve the problem, identify relevant data, produce visual and textual step-by-step solutions, and design algorithms to solve problems and learn how to translate these algorithms into working computer programs. Experience is acquired through programming projects in a high-level programming language as well as industry standard documentation techniques, such as flowcharts, UML diagrams, use cases, data flow documents, and pseudocode.

Offered at Charlotte, Online, Providence

3 Semester Credits



**CSIS1112 Computer Science II**

This course further enhances students' understanding of computer science theory and methods and provides an introduction to the study of important algorithms. Main themes include designing with appropriate data structures (Advanced Data Types — ADTs) and classic algorithms, and analyzing the efficiency of the algorithms developed. Classic algorithms studied include those used for recursion, sorting, searching, graph algorithms and maintaining dynamic data structures. ADTs are presented from a generic/usage-oriented perspective.

Prerequisite(s): CSIS1101 or ENGN2009.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

**CSIS2018 Advanced Data Structures**

This is an essential course in the adaptation of ADTs for use in solving complex or computationally expensive problems efficiently. This course provides students with the implementation level details of various ADTs as they are applied to solving a wide array of problems. The course provides advanced programming techniques for implementing ADTs such as recursion. Students also gain an appreciation of the trade-offs between competing ADT solutions as they pertain to problem solving.

Prerequisite(s): CSIS1112.  
Offered at Online, Providence  
3 Semester Credits

**CSIS2023 Survey of Programming Languages**

This course examines the evolution of programming languages and the nature of various types of computer languages, concentrating on their suitability, efficiency, and effectiveness as they pertain to particular problem domains. General concepts common to all programming languages are discussed to facilitate learning new languages. Language paradigms (i.e., logic, functional, procedural, object-oriented) are compared and implementation strategies are discussed.

Prerequisite(s): CSIS2018, ENGN2014 or CYB2010.  
Offered at Online, Providence  
3 Semester Credits

**CSIS2030 Database Concepts**

This course introduces students to the function of a database environment. The importance of databases to modern systems development provides the motivation for examining data structures and models as they relate to user needs. Relational data models are emphasized along with query languages and user-friendly packages. The various data structures and file storage techniques used with hierarchical, network and relational data management issues are developed. Out-of-class assignments are completed by all students.

Prerequisite(s): CSIS1000 or CSIS1101 or FIT1040.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

**CSIS2045 Introduction to Operating Systems**

This course includes a survey of the functional characteristics of complex operating systems and an introduction to the basic techniques of operating systems design. The course discusses the topics of hardware configuration, channel operation, interrupts, register functions, multiprocessing, multiprogramming, multiprocessing, timesharing and JCL.

Prerequisite(s): CSIS1020 or CSIS1040 or CSIS1101.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

**CSIS2050 Advanced Programming Concepts**

This course is designed to provide the student with an advanced understanding of the relationship between hardware and software through the use of higher level language (C programming language) facilities. Students learn how to create programs that interface with computer peripherals. Program design, coding, debugging, testing, execution and documentation are reinforced.

Prerequisite(s): CSIS1020 or CSIS1101.  
Offered at Providence  
3 Semester Credits

**CSIS2075 Interface Design for Mobile Devices**

This course addresses the unique features and limitations of small, mobile computing devices such as smartphones and tablets. These devices are different from the traditional computing platforms in that they typically do not have mechanical keyboards or pointing devices, but use touch screens as the primary interface. The use of the screen as both the input and output device, the small size of the device, and the added features such as telephony, global positioning, accelerometer and camera provide both challenges and opportunities for the application developer. This course prepares students for application development for mobile computing devices.

Prerequisite(s): Sophomore status.  
Offered at Online, Providence  
3 Semester Credits

**CSIS2080 Database Design**

This course provides a foundation for the systems-development effort of using fourth and fifth generation tools in database environments by systematically examining the procedures and tools used in designing a database. This course emphasizes the relational model. Students study normal forms, decomposition, synthesis, semantic modeling, network and hierarchical models. All students complete out-of-class assignments.

Prerequisite(s): CSIS2030.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

**CSIS3106 Software Verification, Validation, Testing and Security**

This course covers methods for evaluating software for correctness and reliability, including code inspections, program proofs and testing methodologies. Students learn formal and informal proofs of correctness, code inspections and their role in software verification, unit and system testing techniques, testing tools and limitations of testing. Statistical testing and reliability models address the testing of large scale systems. Students learn techniques for developing secure code, including: software data flow analysis, secure access, using cryptography, eliminating data residue and the need for content checking.

Prerequisite(s): CSIS2045, ITEC2085.  
Offered at Providence  
3 Semester Credits

**CSIS3126 Design Project I**

This course is designed to allow for mid-program evaluation of the software development skills and abilities of students. Under the direction of faculty, students develop a solution to a complex problem (agreed upon with faculty) that is completed strictly within one semester. Students utilize all of the skills learned thus far in the program to complete the task required.

Prerequisite(s): CSIS2023, ENGN2014 or CYB2010.  
Offered at Online, Providence  
3 Semester Credits

**CSIS4010 Software Engineering**

This course covers development life cycle choices, software code management, software project cost analysis, tools for developing software, productizing software, documenting software products, development effort estimating, software development team dynamics, and emerging trends in the software engineering field.

Prerequisite(s): CSIS3106, PRMG2010.  
Offered at Providence  
3 Semester Credits

## Counseling (CSLG) Courses

**CSLG2030 Counseling Theories and Techniques**

This course is an introduction to the methods, major theories and techniques of counseling. A wide range of settings are considered, as well as a large range of topics, including dysfunctional families, domestic violence, incest, suicide prevention, drug and alcohol abuse, sociopathic personalities and multicultural issues.

Prerequisite(s): PSYC1001.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

**CSLG2040 Introduction to Career and School Counseling**

This course is designed to help students become competent in the use of educational and occupational information in counseling-related activities. Particular emphasis is on how information is processed in planning, establishing and managing careers from a life-span perspective.

Prerequisite(s): CSLG2030, PSYC1001.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG3001 Introduction to Case Management**

This course introduces students to the required case management responsibilities for counselors. Its focus is on the skills and attitudes needed to meet accepted principles of patient management and the necessity of adhering to ethical guidelines. It concentrates specifically on such major aspects of case management as patient privacy rights and confidentiality, accuracy in intake preparation, assessment and screening reports, progress reports and treatment goals, discharge summaries and aftercare planning, and general documentation. The student gains a general knowledge of state and federal regulations for counselors as they apply to record keeping. Focus is also on understanding the referral process and identifying linkages to other community settings.

Prerequisite(s): CSLG2030, PSYC1001.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG3005 Introduction to Crisis Intervention**

This course offers students an introduction to clinical crisis intervention by examining the theories, strategies and skills essential to de-escalating and resolving conflict in crisis situations. Theories on suicide prevention, addictions and suicide, violence and addictions and aggression management are explored. Models for assessing and responding to crises are explored. Topics such as medical and psychological traumas, post-traumatic stress disorder and professional burnout are part of the curriculum as well as theoretical and ethical implications in crises.

Prerequisite(s): CSLG2030, PSYC1001.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG3010 Principles of Group Counseling**

This course provides students with fundamental knowledge of the dimensions of group counseling through attention to its process, dynamics and practice. It focuses on such topics as the development of group counseling as well as the ethical issues and theoretical approaches central to an understanding of the practice. This course also offers experiential training in group facilitation, with opportunities to practice effective strategies by exploring task facilitation, psycho-educational counseling and psychotherapy groups.

Prerequisite(s): CSLG2030, PSYC1001.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG3040 Counseling Techniques for Addictions and Other Behavioral Disorders**

This course focuses on the special skills and techniques required to effectively counsel the addicted and behaviorally disordered client. Development and utilization of advanced treatment planning and client management training are featured. In addition, it addresses the wide range of ethical issues inherent in all steps identified within the scope of practice for addiction professionals and found in recovery support services. The course examines issues that may arise during initial screening, during treatment planning, and as a client progresses through treatment implementation and moves into recovery. Throughout this course, students are asked to relate various points to their own situations, consider the various perspectives presented, and develop an ongoing awareness of their choices, decisions and behaviors in light of the ethical standards outlined by NAADAC.

Prerequisite(s): CSLG2030, PSYC1001.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG3050 Introduction to Marriage and Family Therapy**

This course is designed to provide students with an introduction to conducting couples and family therapy. The primary objective of the class is to assist students with translating theories into practice. Students study issues such as divorce, remarriage, step-parenting, couples therapy, drug and alcohol abuse in couples and families, and the LGBTQ couple and family dynamics. In addition, each student presents a family therapy case, providing students the opportunity to learn from their own practical therapy case experiences.

Prerequisite(s): CSLG2030.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG4099 Internship in Counseling Psychology**

This is a capstone course focusing on the practice of applied psychology in various service agency settings. The course requires students to demonstrate an ability to integrate theory, research and practice in the context of a supervised counseling experience. The internship is a placement directed by a supervisor on site as well as by a program faculty member who meets with students in a weekly seminar in which counseling methods and techniques are critically analyzed and further developed. Students must complete 204–220 hours at the community agency placement site.

Prerequisite(s): To be eligible for this internship, students must: 1) have a GPA of 2.75 in their major courses, 2) have completed 90 hours of course work, 3) have the permission of the program director and faculty adviser and 4) have successfully completed the courses: CSLG2030, CSLG3001 and PSYC2002.

Offered at Charlotte, Providence

6 Semester Credits

**CSLG5060 Counseling Theories**

This course provides an overview of theoretical approaches to counseling and psychotherapy, including fundamental concepts, assessment, client and counselor roles, cultural relevance, and intervention strategies/techniques. Specific application of theoretical principles is discussed and analyzed, especially their appropriateness for working with culturally diverse groups. Emphasis is placed on interactive role-playing practice of fundamental counseling response skills.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG5100 Advanced Career Counseling**

This course orients students to career development theories, career counseling procedures and techniques, career assessment tools, career development program planning, and sources of occupational information. Students learn and critically evaluate the major career counseling theories. Students also learn how to effectively conduct career counseling and integrate career counseling into traditional counseling/psychotherapy. The social contexts of career development and how these contexts can be integrated with existing career theory are examined. Students learn to design, deliver and evaluate comprehensive guidance programs. Emphasis is on empirically based theories, theoretically based counseling interventions and current issues of work and vocational counseling.

Offered at Providence

3 Semester Credits

**CSLG5150 Counseling Across the Lifespan**

This course is designed for students/practitioners who are intending to enter the counseling field. This course helps students to view their clients from a developmental perspective with the understanding that development does not take place in isolation; rather, human development is deeply embedded within and inseparable from the context of family, social network and culture. Students analyze the basic assumptions held by behaviorists, constructivists, developmental systems theorists and nativists, and consider how these paradigms influence knowledge about human behavior. This course is also designed to help counselors recognize the importance of individual and systemic influences on human growth and development and emphasizes the role of service to others as essential to a sense of well-being and self-esteem.

Offered at Providence

3 Semester Credits

**CSLG5170 Multicultural Counseling: Theories and Techniques**

This course is designed to sensitize students to the roles societal power disparities, therapists' racial identity and awareness, ethical/legal considerations, and client/culture identity play in counseling persons of diverse backgrounds. The dynamics of counseling clients who are African American, Asian American, Hispanic/Latino American, Native American, LGBTQ, and persons with disabilities is examined.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG5250 Professional Orientation and Ethical Practice (Practicum 1)**

Within this introductory graduate counseling course designed to provide students with an orientation to the field of counseling, students become familiar with the ethical and legal considerations related to development in counseling. Students are introduced to the various subfields, settings and employment opportunities in the counseling profession, and the roles and functions of counselors in these settings. Central to this course is an ongoing self-evaluation of the student's attitudes, values, interpersonal skills and motives for choosing counseling as a potential profession. Presentations by practicing therapists add to this orientation to the field.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG5300 Individual Counseling Theories and Techniques I (Practicum 2)**

This course entails experiential learning opportunities that allow students the opportunity to practice skills and techniques associated with major theoretical orientations and evidence-based counseling techniques, as well as the opportunity to explore personal beliefs and values. With a special focus on gender, culture, ethical dilemmas, counselor preparation, and common theoretically-based assessment and case formation strategies, students consistently examine the means through which the traditional theoretical perspectives attempt to produce change. Student apply their skills weekly in role-play simulations.

Offered at Charlotte, Providence

3 Semester Credits

**CSLG5350 Health and Wellness Counseling**

This course is based on Myer's "Wheel of Wellness," a holistic model for treatment planning in the mental health field. Focus is on defining, experiencing and working with the body-mind connection. Students review modalities and techniques, validated by neuroscience, that have an integrative effect on the body-mind connection. Students also review the somatic therapeutic processes that support integrative brain function and result in emotional, mental, physical and spiritual well-being. This course examines how biological, psychological and social factors interact with and affect the recovery, rehabilitation and psycho-social adjustment of clients.

Offered at Providence

3 Semester Credits

**CSLG5400 Psychopathology and Treatment Planning**

This course develops student knowledge of mental health diagnoses and treatment planning through application of various mental health counseling skills. Focus is on diagnosis, treatment planning and supervised mental health counseling skills practice within the context of legal and ethical guidelines and with reference to the current Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Association.

Prerequisite(s): PSYC5200.

Offered at Providence

3 Semester Credits

**CSLG5450 Testing and Assessment in Counseling**

This course is designed to provide an advanced approach to the principles, concepts, methods and applications of assessing human experience and behavior for counseling purposes. Topics include the history and philosophy behind measurement and assessment in counseling, statistical concepts and common assessment formats for measuring constructs such as personality, pathology, achievement, aptitude and career interests. The required assignments focus on the themes of assessment critique, administration and interpretation of assessment results, and incorporating assessment results into work with clients and students.

Prerequisite(s): CSLG5250.

Offered at Providence

3 Semester Credits

**CSLG5500 Advanced Group Counseling Theories and Techniques with Lab**

This experiential and didactic course investigates the issues a counselor processes in group work. Understanding of theoretical perspectives and refinement of personal group facilitation styles are developed through a combination of discussions, demonstrations, videos, experiential opportunities and practice. Co-leadership is utilized in the classroom in conducting group therapy. Students design and conduct groups. Emphasis is on developing skills and applying theories combined with various techniques to actual group situations. Related legal and ethical issues are discussed.

Prerequisite(s): CSLG5300.

Offered at Providence

3 Semester Credits

**CSLG5899 Counseling Practicum**

This course provides students with the practical application of the theories, skills and knowledge they have gathered over the period of training within the Master of Science in Counseling Psychology program. Students spend time in a clinical setting as a counselor under the supervision of mental health professionals within the setting. Students complete supervised practicum experiences that total a minimum of 100 clock hours over the academic term.

Prerequisite(s): CSLG5250.

Offered at Providence

3 Semester Credits

**CSLG6100 Advanced Co-Occurring Disorders and Addictions Counseling**

This course provides students with an understanding of co-occurring psychiatric and substance abuse disorders and their impact on the individual, family and community. An integrated approach to address the issues accompanying the illness is included. Emphasis is on a variety of theoretical approaches, counseling skills, strategies, techniques and procedures for counseling individuals with co-occurring disorders.

Prerequisite(s): CSLG5300, CSLG5400.

Offered at Providence

3 Semester Credits

**CSLG6150 Individual Counseling Theories and Techniques II (Practicum 3)**

This course expands and refines the basic listening and attending skills learned in CSLG5300 Individual Counseling Theories and Techniques I. It focuses on therapist variables, self-knowledge and the counseling relationship as the essential elements for effective mental health counseling. It further develops students' knowledge of mental health diagnoses and treatments learned in CSLG5400 Psychopathology and Treatment Planning through application of various mental health counseling skills. Small group settings focus on diagnosis, treatment planning, and supervised mental health counseling skills practice in the lab within the context of legal and ethical guidelines and with reference to the current Diagnostic and Statistical Manual of Mental Disorders 5.

Prerequisite(s): CSLG5300, CSLG5400.

Offered at Providence

3 Semester Credits

**CSLG6200 Counseling the Chemically Dependent and Their Families**

This advanced course integrates a family systems model along with a focus on research of addictive disorders. Students explore content information on addiction, the etiology of addiction, methods of assessment, and skills for addressing and treating addictive family systems. Students also gauge the efficacy of current family counseling treatment approaches. Identification of addiction and intergenerational patterns within families is examined. Exploration of healthy family systems, protective factors, and knowledge of community agencies that foster recovery and healing is an integral aspect of this course.

Prerequisite(s): CSLG6100.

Offered at Providence

3 Semester Credits

**CSLG6350 Mental Health Counseling for Families**

This course provides students the opportunity to explore assumptions about "the family" and how it develops in a social/cultural context. The course explores selected theories and principles of family counseling. A combination of theoretical and practical application is used to examine variety of treatment approaches.

Prerequisite(s): CSLG5300, CSLG5400.

Offered at Providence

3 Semester Credits

### **CSLG6500 Leadership in Agency Settings**

This course explores the essential skills required to become an effective leader and supervisor in community agency settings. Topics include development of interpersonal intelligence (emotional intelligence, communication and conflict resolution skills, and ethical counseling supervision skills) and intrapersonal intelligence (time-management skills, self-care skills and personal leadership style exploration). Students develop and articulate a personal leadership style through readings, reflections and exercises in communication and leadership effectiveness.

Prerequisite(s): CSLG5250, CSLG5300.

Offered at Providence

3 Semester Credits

### **CSLG6888 Counseling Internship I**

This course is a distinctly defined, post-practicum, supervised clinical experience in which the student develops, refines and enhances basic counseling and professional development knowledge and skills — and integrates and authenticates professional knowledge and skills appropriate to their program (CACREP Standards, 2016). Students are required to complete 300 experiential field hours in a clinical setting over the course of the semester. This course provides the student with the practical application of the theories, skills and knowledge gathered over the period of training in the counseling program. The student spends 300 hours in a clinical setting as a counselor-in-training under the supervision of mental health professionals. Students experience 120 hours in direct service responsibilities.

Prerequisite(s): To be eligible for this internship, students must: 1) have completed 18 hours of graduate level course work, 2) have successfully completed CSLG5899, and/or 3) have permission of department chair.

Offered at Providence

6 Semester Credits

### **CSLG6899 Counseling Internship II**

This course is a distinctly defined, post-practicum, post-internship (CSLG6888 Counseling Internship I), supervised “capstone” clinical experience in which the student refines and enhances basic counseling or professional development knowledge and skills — and integrates and authenticates professional knowledge and skills appropriate to their program and initial postgraduate professional placement (CACREP Standards, 2016). Students are required to complete 300 experiential field hours in a clinical setting over the course of the semester. This course provides the student with the practical application of the theories, skills and knowledge gathered over the period of training in the counseling program. The student spends 300 hours in a clinical setting as a counselor-in-training under the supervision of mental health professionals. Students experience 120 hours in direct service responsibilities.

Prerequisite(s): To be eligible for this internship, students must: 1) have completed 18 hours of graduate level course work, 2) have successfully completed CSLG5899 and CSLG6888, and/or 3) have permission of department chair.

Offered at Providence

6 Semester Credits

### **CSLG6980 Clinical Supervision Advising - Post Internship**

This noncredit-bearing course is for students who have completed the coursework requirements of CSLG6898 and CSLG6899 but have not fulfilled the required 600 clinical hours of their internship. Ongoing weekly clinical supervision is required for licensing until completion of hours and direct clinical contact requirements are attained. This seminar provides students with weekly faculty clinical supervision as required for licensing and to meet CACREP standards.

Prerequisite(s): CSLG6899.

Offered at Providence

0 Semester Credits

## **Criminal Justice (CJS) Courses**

### **CJS1002 Introduction to Criminal Justice**

This course presents an overview and analysis of the American criminal justice system. The concept of crime and the roles of police, courts, defense attorneys, prosecuting attorneys and corrections are considered. In addition, an overview of the causes of crime, the problems associated with the measurement of crime, and the concept of “justice” in the American criminal system is examined.

Offered at Online, Providence

3 Semester Credits

### **CJS1070 Criminal Courts**

This course is an examination of the problems, policies and practices of the criminal court system with emphasis placed on the structure and organization of the court system. The role of the courts, from arrest to conviction and appeal, is explored.

Offered at Online, Providence

3 Semester Credits

### **CJS1090 Law Enforcement**

This course is a survey of law enforcement agencies, their role, history and development within the field of criminal justice. Emphasis is placed on police administration, organization, management culture, relations within the community and technology.

Offered at Providence

3 Semester Credits

### **CJS2040 Corrections**

This course is an introduction to corrections. It presents an historical look at punishment through the ages. Justification for punishment is explored including: retribution, deterrence, incapacitation, and rehabilitation.

Various dispositions of prisoners are presented from capital punishment, transportation, galley slavery, and the eventual development of the prison. The evolution of prisons and acceptable conditions are discussed along with the advent of the prisoner rights movement.

Offered at Providence

3 Semester Credits

### **CJS2050 Criminology**

This course is an overview of the study of criminal behavior. Major theories of the causes of crime are explored through an interdisciplinary approach emphasizing the sociological, psychological, scientific, medical, biological, psychiatric, psychoanalytic, economic, political, cultural, and other social and behavioral approaches.

Offered at Online, Providence

3 Semester Credits

### **CJS2085 Juvenile Justice**

This course presents an analysis of the historical development of the juvenile justice system in the United States. The student is introduced to the changing view of juveniles from early America, when children were treated as little adults, through the nineteenth and twentieth centuries where they came to be considered as children and adolescents that had to be protected from abusive families and their environment. Socializing agents such as the family, schools and peers are studied as to their influence on the development of delinquency. Youth are studied as victims of crime, as perpetrators of crime, and their likelihood to become involved with gangs. Additionally, law enforcement, the courts and corrections are studied to show their impact on delinquency.

Prerequisite(s): Sophomore status.

Offered at Online, Providence

3 Semester Credits

### **CJS2150 Criminal Justice Ethics**

At the core of every aspect of the field of criminal justice is an ethical dilemma involving human behavior and individual decision-making. As such, this course will provide an in-depth examination of the three major schools of ethical thought (virtue, formalism, and utilitarianism) in order to illustrate how individual ethics directly influences decision-making, and to help students develop comprehensive ethical reasoning skills. Through the examination of hypothetical case studies, actual criminal justice events, and extensive debate, this course will explore the three major areas of criminal justice to include law enforcement, courts, and corrections, in order to provide students with the opportunity to observe and evaluate the direct connection between ethics and specific aspects of the criminal justice system.

Offered at Providence

3 Semester Credits

**CJS3033 Community Policing**

This course is a historical examination of the strategies utilized by the police in America. It examines Sir Robert Peel and the development of the first paid police department in London in 1829. The course presents the evolution of policing as emigration in America increased and its population became more diversified. Students will come to understand how policing is a partnership with the community and how the roles of all must be considered in the development of a policing program.

Prerequisite(s): CJS1090.

Offered at Providence

3 Semester Credits

**CJS3075 Criminal Investigation**

In this course, the student is exposed to the fundamentals of criminal investigation. Emphasis is placed on the collection and evaluation of crime scene evidence related to specific crimes (i.e., homicide, arson, burglary, etc). Since criminal investigation must be conducted within the framework of our constitutional system of government, opinions of the United States Supreme Court that affect the collection of evidence are emphasized.

Prerequisite(s): CJS1090.

Offered at Online, Providence

3 Semester Credits

**CJS3210 Victimology**

This course is designed to provide an historical perspective on victimology, as well as an overview of the causes and physical and psychological consequences of victimization. Students gain an understanding of why people are victimized, as well as how the criminal justice system and various social service agencies collaborate in order to address the needs of the victim. A focus on various causes of and responses to victimization provides students with the fundamental knowledge needed to apply key concepts to actual situations. This course emphasizes the impact of trauma on an individual, opportunities for prevention, as well as issues of recurring victimization and the victim/offender overlap both domestically as well as from a global perspective.

Prerequisite(s): CJS2050.

Offered at Providence

3 Semester Credits

**CJS3450 Comparative Criminal Justice**

This course comparatively examines major criminal justice institutions within the United States and around the world, and also provides an in-depth examination of existing international criminal justice systems and the shared critical issues existing both domestically and internationally. The course offers a comprehensive examination of a variety of transnational crime-related issues, and explains the systems currently in place globally for addressing issues involving crime prevention, law enforcement, adjudication and corrections. Students identify and analyze the common and differing procedural aspects involved in investigating, prosecuting, defending and adjudicating criminal cases in international jurisdictions, as well as the differing global definitions of appropriate punishment including concepts of financial, corporal and capital punishment.

Offered at Providence

3 Semester Credits

**CJS3820 Cyber Crimes**

In this course, students explore the rise and evolution of crimes involving computers and the Internet that are fast becoming the most prolific area of criminal activity in the 21st century. This course distinguishes between crimes in cyberspace and cyber-terrorism as a form of warfare upon the global community. It defines cyber crimes (including type, nature, and origin) and the expanding criminalization of computer and Internet conduct involving concepts of privacy violation, information protection and unauthorized access of digital data. An analysis of existing and new domestic and international law enforcement innovations that prohibit digital crimes is also covered.

Prerequisite(s): LAW3025.

Offered at Online, Providence

3 Semester Credits

**CJS3850 Homeland Security**

This course provides an in-depth foundation for understanding the wide range of agencies and activities involved in the field of homeland security, and the varying roles that individual terrorists, terrorist groups and state sponsors of terrorism play in the formulation of the domestic and international homeland security policy of the United States. Students are provided with a comprehensive overview of the legal aspects of homeland security, and the role that intelligence and counterintelligence play in the formulation of the domestic and international homeland security policy.

Additional topics include the proliferation of weapons of mass destruction, border security and immigration, and the financing of terrorist activity via a wide range of highly organized criminal activities occurring both domestically and internationally.

Offered at Online, Providence

3 Semester Credits

**CJS4020 Offender Assessment and Case Management**

This course provides students with both theoretical knowledge and practical application of the various evidence-based risk assessment tools, classification of offenders, writing court reports, utilizing motivational interviewing skills, and conducting interviews with offenders receiving some form of correctional treatment. It also provides students with knowledge about mental health and substance use issues affecting correctional populations.

Prerequisite(s): CJS2040, junior status.

Offered at Providence

3 Semester Credits

**CJS4045 Criminalistics with Lab**

This course focuses on practical applications of forensic science in the field of law enforcement. Topics covered include the various forms of evidence and methods used to identify, collect and preserve physical evidence. Crime scene preservation techniques as well as methods of crime laboratory instrumentation are covered. Some focus upon legal concerns and discussion of the use of physical evidence in famous cases is also covered.

Offered at Providence

3 Semester Credits

**CJS4050 Advanced Topics in Criminal Justice**

This course is a forum for special issues and emerging areas of criminal justice. It is taught by faculty members and visiting experts in the areas of focus.

Topics covered (which may change each offering) may include, but are not limited to: Public & Private Security, Victimology, Child Abuse & Neglect, and Organized Crime.

Prerequisite(s): CJS2050, junior status.

Offered at Providence

3 Semester Credits

**CJS4065 Advanced Topics in Criminalistics with Lab**

This course provides students with specific topics in the advanced study of forensic science as part of a two-term format. Emphasis is on the application of advanced and specialized areas of forensic science encountered during criminal investigations. Topics include advanced topics of forensic pathology, pattern and impression evidence, blood spatter analysis, photography, fingerprint examination, and forensic applications of the social science and legal/ethical issues in forensic science.

Prerequisite(s): CJS4045.

Offered at Providence

3 Semester Credits

**CJS4070 Serial Killers**

This course addresses historical perspective and the social construction of serial murder, discerning fact from fiction, as well as examines the many myths surrounding serial murder. This course challenges students to think more analytically about the nature of killing and the cultural development of monsters, demons, and evil as a means to assess biogenic and psychopathological maladaptive behaviors in response to various mental disorders. This course examines various categories of serial killers, such as healthcare workers, sexual predators, male and female murderers, team killers, and their victims. This course provides students the opportunity to develop an understanding of serial murder from a domestic/global perspective and the methods and manner in which law enforcement profile and apprehend suspects.

Prerequisite(s): Senior status.

Offered at Providence

3 Semester Credits

### **CJS4080 Criminal Justice Senior Seminar**

This course presents an overview and analysis of the American criminal justice system in a capstone seminar format. The course examines criminal and constitutional law, criminology, law enforcement and investigation, courts, corrections and juvenile justice through the use of critical thinking, research, writing and discussion.

Prerequisite(s): RSCH2050, senior status.

Offered at Providence

3 Semester Credits

## **Culinary Arts (CUL) Courses**

### **CUL1100 Introduction to Culinary Skills and Techniques**

Students learn the techniques practiced in the professional kitchen: the craft, the tools, food safety and sanitation, basic knife skills, culinary math applications, and mise en place. Students are introduced to moist cooking techniques such as boiling, simmering, poaching, steaming, blanching/shocking and sweating. The basic preparations of stocks, soups and classic sauces are introduced. The course provides skills that become the foundation on which students build a lifetime of culinary learning. Sections of this course offered online are reserved for students in special industry partner programs.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **CUL1210 Breakfast & Lunch Cafe**

Students are introduced to and practice a variety of basic cooking skills using breakfast, brunch and lunch cooking techniques. The skills include egg preparation, sandwiches, salads, soups, vegetable cooking, sauces (including basic emulsions) and vinaigrettes. Basic yeast and quick bread techniques include creaming, blending and rubbing. Protein fabrication is reinforced. Recipe and portion costing is practiced. Food waste, sustainability, and culinary science issues are explored. Plate presentation and nutritionally balanced plates are emphasized in the production and service of a la minute foods.

Offered at Charlotte, Providence

3 Semester Credits

### **CUL1320 Elements of a la Minute Cooking**

Students are introduced to sauté, shallow-fry and grill. Students apply portion control, ingredient selection, cooking and flavoring techniques, with a focus on nutrition. Students are introduced to a la minute cooking and baking methods. Culinary math as applied to portion control and recipe costing is emphasized.

Offered at Charlotte, Providence

3 Semester Credits

### **CUL1410 Contemporary Cooking & Leadership Functions**

Students are introduced to stewing, braising, roasting, and savory baking. Protein fabrication and full product utilization are emphasized. Students demonstrate how to delegate, order, receive, store, prepare and serve a variety of menu items. Students explore menu and recipe development, while applying cost control methods.

Offered at Charlotte, Providence

3 Semester Credits

### **CUL2510 Contemporary Restaurant Operations and Management**

Students explore front-of-the-house operations and practice professional dining, beverage service, and supervisory skills. Etiquette, guest relations, communication skills, teamwork, critical thinking, and professionalism are emphasized. Students practice management concepts including operational procedures and financial responsibilities. Students are introduced to the production and sensory evaluation of beverages and the principles of food and beverage pairings.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

### **CUL2610 Baking and Pastry Concepts for Culinary Operations**

Students expand upon the foundational baking and pastry skills introduced in first-year culinary labs to produce a variety of breads, pastry and baked items. Students also incorporate design, flavor, and textural components to create plated desserts. Continued emphasis is placed on accurate weights and measures, mixing methods, station organization and culinary math. Students analyze ingredient and product needs based on various culinary operations.

Prerequisite(s): Completion of all freshman culinary labs.

Offered at Charlotte, Providence

3 Semester Credits

### **CUL2710 Banquets and Catering**

Students develop the techniques for the setup and execution of banquets and catering functions. Techniques in fabrication, portion cutting, preservation, charcuterie, and hot and cold foods are executed with a focus on total product utilization. Healthful menu alternatives are explored.

Prerequisite(s): Completion of all freshman culinary labs.

Offered at Charlotte, Providence

3 Semester Credits

### **CUL2810 Global à la Carte**

Students apply diverse skills to produce contemporary, globally influenced à la carte menus through the exploration of flavor profiles, culture, and cuisines with an emphasis on healthful, appropriate and modern professional cooking skills and ingredients.

Prerequisite(s): Completion of all freshman culinary labs, sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

### **CUL2881 Farm to Table—A Global Perspective**

Apply culinary skills in a unique program immersed in global culinary and educational philosophy applied to the farm-to-table movement. Specialized modules build upon core culinary skills learned at Johnson & Wales University and introduce local techniques and products with local leaders in the culinary profession. Personalized approach focuses on deep knowledge of ingredients, technique and presentation. The class combines theory, practical application, competency-based testing, and cultural experiences.

Prerequisite(s): Completion of all freshman sophomore culinary labs.

Offered at Charlotte, Providence

6 Semester Credits

### **CUL3020 Foundations of Wine**

This course introduces the student to a systematic approach to wines and develops the student's ability to describe them in a marketable way. The course teaches a fundamental understanding of the relationship between location, climate, terrain, soils, viticulture, vinification and grape varieties and the differentiation between quality levels of wine. Wine tastings incorporate structured analysis leading students to identify regional and varietal organoleptic differences in wines. Tastings incorporate discussions on the pairing of food and wine. Representative wines are tasted. Upon completing this course, students are prepared to sit for the WSET Level 2 Award in Wines Certification. This certification is available at the university each semester. An additional fee is required to take the WSET Level 2 Award in Wines Certification.

Prerequisite(s): Only the Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **CUL3030 Exploring Cheese**

This course provides an opportunity for students to explore the world of cheese. Cheese history, production and trends are analyzed within a worldwide business context. Course components include sensory evaluation, classification, ripening, storage, purchasing, service and applications in today's kitchens. Students learn how to best purchase and serve cheese to enhance profitability in restaurant menu programs or retail outlets. Students also evaluate the principles of beer and wine pairings with cheese. Students are prepared to pass the Wisconsin Cheesecyclopedia, a cheese education course exam.

Offered at Charlotte, Providence

3 Semester Credits

**CUL3082 Exploring Mead and Honey**

This course provides students the opportunity to explore the origins and history of honey and honey fermentation, as well as challenges to the apiary industry and the effects of terroir on honey quality. Students learn about the role and importance of bees and honey in the global food industry. Various types of mead, the world's oldest documented fermented beverage, are analyzed and produced. Packaging, labeling, licensing and regulatory compliance, as well as sales and marketing aspects, are also explored. Successful students should be prepared to sit for the BJCP Mead Judge Certification exam.

Offered at Providence  
3 Semester Credits

**CUL3092 Brewing Arts**

This course helps students develop an understanding of traditional and modern styles of beer and brewed alcoholic beverages by examining production methods and ingredients and through sensory analysis. Students explore historical context, as well as modern industry structures and trends. Students learn how to brew an all-grain beer recipe and to identify common beer faults and their causes. Upon completion of this course, students are prepared to sit for the Certified Beer Server exam from the Cicerone Certification program.

Offered at Charlotte, Providence  
3 Semester Credits

**CUL3093 Coffee, Tea, and Non-Alcoholic Beverage Specialist**

This course focuses on the role of non-alcoholic beverages in profitable beverage programs. It combines advanced knowledge and application of coffee, tea, water, ready-to-drink, and other non-alcoholic beverages with structured systematic tastings, analysis, production and service. Students analyze the application of these non-alcoholic beverages to the on-premise market.

Offered at Charlotte, Providence  
3 Semester Credits

**CUL3131 Chef-Driven Contemporary Casual Concepts**

This course provides students the opportunity to explore the unique challenges of operating a contemporary, chef-driven, casual dining concept, developing strategies to maximize profits while maintaining food integrity. Cooking skills are refined and advanced culinary techniques are applied to innovative, student-driven menus utilizing a global pantry and sustainably sourced foods that align with current industry practice.

Prerequisite(s): Completion of all sophomore culinary labs.  
Offered at Providence  
3 Semester Credits

**CUL3141 Corporate Dining Concepts**

This course provides students the opportunity to explore the unique challenges of operating a contemporary, chef-driven, corporate restaurant dining concept, developing strategies to maximize profits while maintaining food integrity. Cooking skills are refined and advanced culinary techniques are applied to innovative, student-driven menus utilizing a global pantry and sustainably sourced foods that adhere to specific consumer expectations.

Prerequisite(s): Completion of all sophomore culinary labs.  
Offered at Providence  
3 Semester Credits

**CUL3151 Chef-Driven Fine Dining Concepts**

This course provides students the opportunity to explore the unique challenges of operating a chef-driven, fine dining concept, developing strategies to maximize profits while maintaining food integrity. Cooking skills are refined and advanced culinary techniques are applied to innovative, student-driven menus utilizing a global pantry and sustainably sourced foods that align with current industry practice.

Prerequisite(s): Completion of all sophomore culinary labs.  
Offered at Providence  
3 Semester Credits

**CUL3270 Volcanic Island Wines: The Azores and Madeira**

This nine-day intensive study abroad course is designed to provide students with an appreciation of the culture of Madeira and the Azores, and their history of grape-growing and wine-making that reflect a sense of place. Students discover the role of wine tourism, marketing, and the commercial position these wines hold in the global marketplace. Students are exposed to the culture and cuisine of the region (islands) and explore how and why their wines pair best with cuisines.

Prerequisite(s): CUL2510 or FSM2055 or department chair approval.  
Offered at Charlotte, Providence  
3 Semester Credits

**CUL3280 Eastern Culinary Techniques and Gastronomy**

This course offers an integrated curriculum incorporating theoretical and practical instructions on the art of Eastern cooking techniques and gastronomy. The course concentrates on the cuisine and culture of Singapore, China, India, Malaysia, Indonesia, Thailand and Indochina. Students learn from demonstrations, interactive cooking and tastings, and hands-on cooking classes. The course also involves cultural experiences throughout the Asian region of the world.

Prerequisite(s): BPA2720 or (CUL1100, CUL1210, CUL1320, CUL1410), FSM1165.  
Offered at Charlotte, Online, Providence  
6 Semester Credits

**CUL3585 Mediterranean Wine, Spirits and Cheese**

This study abroad course gives students the opportunity to study wines, spirits and cheese from the many islands (e.g., Rhodes, Santorini, Sicily, Mallorca) and mainland(s) in the Mediterranean (e.g., Greece, Italy, Spain) that produce these products, providing a deeper understanding of the production process through a cultural and historical lens. Students develop food and wine pairing skills through lectures and presentations given by local experts, and excursions to regional wineries, wine cellars, distilleries, and cheese production facilities. Students visit local cultural sites throughout the islands. Locations may vary each year to include sites in Greece, Sicily, Mallorca, and/or other Mediterranean regions.

Prerequisite(s): CUL2510, FSM2055, sophomore status or department chair approval.  
Offered at Charlotte, Providence  
3 Semester Credits

**CUL3900 Exploring Ciders and Fruit Wines**

Students explore the rapidly growing industry of ciders, perries, and fruit wines. Students are able to describe and identify the properties and flavors of heirloom and modern varieties of fruits, and their impact on the fermented products. Students employ sensory analysis and critical thinking skills to identify and describe the flavors and texture of products, as well as faults, their causes, and potential remedies or prevention. Packaging, marketing, sales, and food affinities are also discussed. Successful students are able to pass the Level 1 Certified Cider Professional exam from the U.S. Association of Cider Makers.

Prerequisite(s): Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth.  
Offered at Online, Providence  
3 Semester Credits

**CUL4025 Advanced Wine Studies**

This course offers students an advanced understanding of New and Old World wines, the evolution of flavor and taste paradigms, and familiarization with each of their primary wine appellations. The geographic, historical and social contexts of alcoholic beverages in each nation are discussed and trends of production, consumption and export markets are reviewed. Students examine production methods, trace the evolution of various appellation of origin classification systems, and explore the concept of terroir. Wine tastings incorporate structured analysis, leading students to identify regional and varietal organoleptic differences in wines. Tastings incorporate discussions on the pairing of food and wine. Representative wines are tasted.

Prerequisite(s): CUL3020.  
Offered at Charlotte, Providence  
3 Semester Credits

#### **CUL4045 Spirits and Mixology Management**

This course offers the student an advanced understanding of spirits, liqueurs, cocktails and mixology to design and supervise a successful bar operation. Spirits, liqueurs, cocktails and mixology principles are discussed within a cultural, historical and business context. Sensory analysis, cocktail recipe creation and production methods, inventory, cost analysis and merchandising are major components of this course. Alcohol liability and server training are reviewed. Students may be offered the practical exam for the International School of Mixology Bartending Certification.

Prerequisite(s): Only the Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth.

Offered at Charlotte, Online, Providence

3 Semester Credits

#### **CUL4085 Creating the Guest Experience**

This course is designed to instruct students about the front-of-house operational role when creating a high-quality guest experience across the ever-expanding range of sales environments in today's food and beverage world. À la carte, banquet, and takeaway delivery methods form the basis to explore the principles of staffing, marketing, service design, menu design, equipment planning, safety and sanitation elements, station management, reservation management, cash control, and payment processing. Students perform all functions related to the front-of-the-house applications of the guest experience.

Prerequisite(s): BPA2720 or CUL2510.

Offered at Charlotte, Providence

3 Semester Credits

#### **CUL4115 Culinary Capstone: The Professional Kitchen**

This capstone course integrates the critical competencies needed to lead chef-driven restaurant concepts, which include excellence in menu development, food production, service and management strategies. Students develop a menu that demonstrates consciousness in sourcing and procurement while leading a team through production and service. Students' ability to plan, budget, manage, report finances and demonstrate leadership principles to safeguard an economically sustainable operation are assessed.

Prerequisite(s): CUL3131, CUL3141, CUL3151.

Offered at Providence

3 Semester Credits

#### **CUL4185 Sommelier Capstone**

This course provides a comprehensive overview of beverage sales and service techniques giving the student the ability to select appropriate products for a successful beverage program. Students focus on food and beverage pairings, the development of beverage lists, and the training techniques for successful sales. Relevant selection and purchasing of beverages, inventory controls, storage, and distribution management is emphasized. Guest-centered hospitality, liability, and responsible service are reinforced throughout. Sommelier career options are explored across the beverage industry. Upon completion of this course, students have the opportunity to sit for the internationally recognized WSET Level 3 Award in Wines certification exam.

Prerequisite(s): CUL3020, CUL4025.

Offered at Charlotte, Providence

3 Semester Credits

#### **CUL4416 British Practical Brewing**

This rigorous, experience-based course is ideal for students who want to work in or develop their own microbrewery or brewpub. Students work with JWU faculty in preparation for and during their hands-on coursework with our educational partner, Brewlab in the UK. Students enhance their knowledge of brewing theory and develop their skills in practical brewing, recipe formulation, sensory analysis, marketing, and brewery design. Students work alongside professional brewers, scientists and industry professionals in both laboratory and field settings to earn practical, professional brewing experience. Students learn traditional and modern ale-brewing technology both on-site and at local craft breweries. Students may attend evening and weekend excursions to regional maltsters, hop yards and breweries, and other historic and cultural sites. There is a comprehensive written exam at the completion of the course. Successful candidates earn the Brewlab Practical Brewing Certificate, a NVQ Level 2 achievement.

Offered at Charlotte, Providence

3 Semester Credits

#### **CUL4417 Applied Craft Brewing Capstone**

This hands-on course is ideal for students who intend to work in or develop their own craft brewery or brewpub, by enabling students to apply their skills in practical brewing, recipe formulation, laboratory analysis, brewery sanitation, packaging and service. Students design and produce their own original recipes and serve their beer at an industry event. Students gain practical working experience in regional craft breweries and observe how academic concepts are applied differently in a variety of settings.

Prerequisite(s): CUL3092 and CUL4460.

Offered at Charlotte, Providence

3 Semester Credits

#### **CUL4419 Brewery Operations and Planning**

This course prepares students to plan and develop their own brewery or brewpub. Students explore topics such as facilities layout and design, equipment sizing and configuration, location and siting factors, compliance and regulatory environment, HACCP, safety and quality control, resource and waste management, conservation and sustainability, types of finance, marketing, production scheduling, and forecasting. The focus is on the American craft brewing industry and structure, though most concepts can be applied internationally. Upon completion of the course, students are prepared to construct a preliminary plan for a brewery business.

Prerequisite(s): CUL4460.

Offered at Charlotte, Providence

3 Semester Credits

#### **CUL4460 Advanced Brewing Theory and Analysis**

This course allows students to explore brewing theory in depth, as preparation for a career in craft brewing and beer judging. Students explore topics such as malting science, water chemistry, hop growing technology and yeast microbiology as they relate to the art of craft brewing. Students describe variations in classic and contemporary beer styles in detail, with a special emphasis on ingredient and process variables as they relate to flavor and style accuracy. Advanced sensory analysis skills and critical thinking are developed throughout the class. This course prepares students to take the Beer Judge Certification Program (BJCP) Entrance Exam and BJCP Judging Exam to become a BJCP Recognized Judge.

Prerequisite(s): CUL3092.

Offered at Charlotte, Providence

3 Semester Credits

#### **CUL4955 Old World Wine Exploration**

With a focus on practical sommelier skills training, this intensive four-week Study Abroad course gives students the opportunity to study wines from a region or country, providing a deeper understanding of quality factors in the making of wines within a cultural and historical context. Students develop wine service skills including food and wine pairing understanding. Participants engage in lectures and presentations provided by experts, augmented with excursions to regional wineries and wine cellars, and visits to local cultural sites. The embedded Wine & Spirits Education Trust (WSET) certification course and exam add extra value for students who earn this internationally recognized industry credential.

Prerequisite(s): BPA2720 or CUL2510 or FSM2055, sophomore status or department chair approval.

Offered at Charlotte, Providence

6 Semester Credits

## **Culinary Nutrition (CULN) Courses**

#### **CULN1010 An Introduction to the Fields of Food, Food Service and Nutrition**

This survey course is intended to introduce students to an array of post-baccalaureate professional opportunities. Students are exposed to university alumni who have chosen both traditional and unique career paths after leaving Johnson & Wales University. Alumni provide examples of their experiences and offer insight for students interested in pursuing similar or adjacent professions. The ways in which students might better prepare for occupational, academic and credentialing opportunities, which they might be eligible for, after graduation are explored.

Offered at Charlotte, Providence

1 Semester Credit



### **CULN2020 Applied Culinary Nutrition**

This course builds upon the student's foundational culinary skills and knowledge, while introducing the principles of applied culinary nutrition. Students are introduced to the practice of translating current nutritional recommendations into meals that excite the palate, while adhering to evidence-based nutritional parameters and the policies that some healthcare institutions must observe. The course focuses on the essentials of ingredient selection and preparation, food portioning, recipe modification and the fundamentals of specialized dietary requirements.

Prerequisite(s): Completion of all freshman culinary labs or BPA2720, CULN1010 (or concurrent), SCI1050.

Offered at Charlotte, Providence

3 Semester Credits

### **CULN2230 Designing Healthy Desserts**

This course introduces how baking works through an understanding of the ingredients used in baking and pastry. Students run experiments in order to learn about ingredients and understand how ingredients change during production and interaction with other ingredients. In addition, this course presents methods to develop baked goods and desserts by creating new products that are healthier or by substituting ingredients in traditional desserts to make them conform to specific dietary specifications. The production focuses on modifying ingredients in desserts while retaining quality and visual appeal. Students are encouraged to utilize their knowledge of sound nutrition principles to develop original creations. The production covers all aspects of the pastry shop from basic baked items to more elaborate desserts.

Prerequisite(s): ((CUL1100, CUL1210, CUL1320, CUL1410) or BPA2720), SCI1050.

Offered at Charlotte, Providence

3 Semester Credits

### **CULN2414 Cooking for Health and Wellness**

This course introduces the impact that diet has on health and wellness and addresses the socioeconomic and cultural barriers that often prevent the seamless integration of current and evidence-based nutrition into menu development. Students explore ways to apply theory to practice through experience-based culinary instruction. This course takes an interdisciplinary and collaborative approach to bridge knowledge-deficiencies that exist in traditional healthcare, dietetics and culinary education. The course attempts to directly impact both the nutritional and sensory appeal of the foods prepared for patients and clients while also addressing the fundamental culinary skills required to improve the future personal health of the students in the course. Both instructive and vocational components are incorporated, which are intended to improve communication and understanding around how nutrition and culinary fundamentals may impact public health, as well as improving the assimilation of appropriate nutrition in the food produced and menus developed by prospective healthcare team members.

Prerequisite(s): SCI1050.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **CULN3155 Vegetarian Cuisine**

This course focuses on the types and preparation of nutritionally balanced vegetarian diets. Students explore the importance of understanding why people choose vegetarian diets, including cultural and global perspectives, economics and health. Daily production focuses on the preparation of vegetarian dishes and meals that fit into three classifications: vegan, lacto and lacto-ovo vegetarian diets.

Prerequisite(s): CULN2020, CULN2230 or BPA2720.

Offered at Charlotte, Providence

3 Semester Credits

### **CULN4155 Athletic Performance Cuisine**

This laboratory course emphasizes the importance of how food can enhance athletic performance and exercise recovery. The focus is on creating menus specifically geared for individual athletes, as well as the team training tables of various sports, to elevate and enhance overall sport and athletic performance. Students utilize their knowledge of applied nutrition and culinary arts to develop meals, snacks, sports beverages, and nutritional supplements for a variety of athlete types pursuing various sports under different exercise intensities, environments, and athletic performance goals.

Prerequisite(s): CULN3155, FSM2210.

Offered at Charlotte, Providence

3 Semester Credits

### **CULN4165 Therapeutic Cuisine**

This capstone course requires students to apply their proficiency in culinary nutrition, critical-thinking skills and management theories to address the challenges faced by contemporary healthcare food service facilities. Focus is on the patient's dining experience while adhering to specific dietary requirements. Students create and execute therapeutic menus in addition to rotating through management positions found in today's institutional food service facilities.

Prerequisite(s): CULN3155, FSM2210, senior status.

Offered at Charlotte, Providence

3 Semester Credits

## **Culinary Science (CULS) Courses**

### **CULS2010 Introduction to Food Product Development**

This course introduces students to the terminology and basic practices in product development labs, test kitchens and culinary centers in the food and beverage industry. Focus is on the product development process from concept through commercialization, and the role of the product developer throughout this process. This includes an introduction to market research and sensory testing techniques, unit operations in food and beverage processing and packaging, quality assurance/quality control, and food regulations and labeling. Student groups research current trends, the needs of a particular target market, and topics in food and beverage processing and packaging.

This course includes lecture, student presentations, group work, guest lecturers and use of the internet to research relevant topics and technologies.

Offered at Charlotte, Providence

3 Semester Credits

### **CULS2210 Food Science**

This course emphasizes the scientific method and the chemical and physical changes that occur during preparation and processing of food products.

The relationships between the chemistry of the major food components (carbohydrates, fats and proteins) and their functionality in food systems are examined. This course requires a laboratory research project that involves writing a research proposal, conducting primary and secondary research, conducting a consumer test, analyzing data, and writing a final laboratory report following the scientific method described in the course.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

### **CULS3015 Food Ingredient Technology**

This course provides an overview of major food ingredients and additives used in food product development. The various functionalities of these ingredients are investigated through the production and evaluation of various food products that align with consumer expectations. Students examine the legal definition of food ingredients and additives and outline the approval process for ingredients classified as such. Students apply Food and Drug Administration (FDA) laws and regulations when incorporating additives into food products.

Prerequisite(s): CHM1000, CHM1006, CULS2010 (or concurrent), CULS2210.

Offered at Providence

3 Semester Credits

### **CULS3025 Food Processing**

This course provides students the opportunity to identify the appropriate food processing methods and equipment utilized in the manufacturing of food products. Practices that are important in a food manufacturing facility are explored to determine how different processing methods and packaging can affect the safety and quality of food products.

Prerequisite(s): CULS2010, completion of all freshman culinary or baking labs.

Offered at Providence

3 Semester Credits

### **CULS4035 Food Product Design and Development**

This capstone course applies the knowledge and skills acquired in major prerequisite courses. Students strengthen their laboratory skills working in teams, designing and developing a food product from concept through optimization. This course is taught within a kitchen that simulates the environment of a product development laboratory. Students complete sensory tests, accelerated shelf-life tests, competitive analyses and performance tests on products, as required. Students design and create product packaging labels that align with current food regulations. Additionally, students use spreadsheets to create formulas and generate costing information. At the completion of the course, students present their concepts, optimized products, packaging label and project reports to the university community.

Prerequisite(s): CULS2010, CULS3015.

Offered at Providence

3 Semester Credits

## **Cyber Operations (CYB) Courses**

### **CYB1005 Introduction to Cyber Security Operations**

This course is designed to provide an introduction to the range of disciplines that are fundamental to protecting cyber assets in the modern world. Students learn what cyber security and operations are, how they have evolved over the past decades, and how the cyber security framework can be applied across a wide range of contexts and industries. This course also provides an introduction to the various technical and non-technical skills that are fundamental in the cyber security and operations field. Students are provided with academic foundations to pursue further study in the cyber field.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **CYB2010 Computer Architecture with Assembly Language Programming**

This course is designed to provide students with an understanding of the relationship between hardware and software through the use of the machine and assembly language facilities. Topics include how simple statements translate into processor commands and how various types of storage and programming structures are implemented in the system. Program design, charting, coding, debugging, testing, execution and documentation are accomplished for all concepts that are introduced. Advanced understanding of the relationship between hardware and software is accomplished through the use of assembly language and higher level language (C programming language) facilities. Creating programs that interface with computer hardware is explored. Additional topics include using debug, decision structures, looping structures, addressing constructs, data types, program segments, memory models, subroutines, arrays, video, keyboard and file I/O, parallel processing, terminate-and-stay-resident programs, recursion, inter-language communication, device drivers and embedded programming concepts.

Prerequisite(s): CSIS1112.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **CYB3001 Foundations of Digital Forensics**

This course introduces students to the principles of digital forensics. The essentials covered in this class include computer system storage fundamentals, operating systems and data transmission, computer network architecture, digital forensics best practices, proper evidence collection and storage, and federal rules and criminal codes. Upon successful completion of this class, the student is ready to proceed into more advanced and technical classes such as computer forensics, mobile device forensics, network forensics, and malicious code forensics.

Prerequisite(s): CSIS1101, CSIS2045, CYB1005.

Offered at Providence

3 Semester Credits

### **CYB3011 Software Reverse Engineering**

This course is designed to introduce students to the tools and process of software reverse engineering, and how to apply the tools and process for the purpose of discovering malicious code, reconstructing higher level code and documentation where none exist, discovering opportunities for improvement of existing code, and assuring the appropriate use of code.

Prerequisite(s): CSIS2045, CYB2010 or ENGN2014.

Offered at Charlotte, Providence

3 Semester Credits

### **CYB3023 Large Scale Distributed Systems**

This course is designed to introduce the principles and implementation techniques of distributed database systems and explore trends and issues concerning database application development. Students apply theory and practice by building a distributed database with web access.

Prerequisite(s): CSIS1112, CSIS2030.

Offered at Charlotte, Providence

3 Semester Credits

### **CYB3038 HCI/Usable Security**

This course focuses on how to design and build secure systems with human-centric focus. Basic principles of HCI (including the basics of humans' cognitive abilities, principles of usability, design techniques and evaluation methods) are discussed. Through professionally focused exercises, students apply these techniques to the design, building, evaluation and critique of secure systems, while developing security measures that respect human performance and their goals within the system. Focus is on authentication devices, password protection techniques, browsing security, social media and mobile device security.

Prerequisite(s): ITEC3050.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **CYB3205 Malware Forensics**

This course introduces students to the fundamentals of malicious code and malicious code analysis. The student is introduced to actual malicious code samples and examines how they work and interact with vulnerable machines. The student learns how to perform basic analysis in an attempt to reverse engineer malicious code capabilities and to perform post-mortem forensic analysis on compromised machines. The student is also introduced to virtual machines and their important role in conducting malicious code forensic analysis in a safe environment.

Prerequisite(s): CSIS1112, CYB3001.

Offered at Providence

3 Semester Credits

### **CYB3220 Network Forensics**

This course immerses students into the world of network forensics. The essentials covered in this class include network forensics investigative methodology, network technical fundamentals, evidence acquisition, packet and flow analysis, network intrusion detection and analysis, and forensic reporting. Upon successful completion of this class, the student is ready to conduct real-world network forensic investigations in a laboratory setting utilizing industry-recognized tools and methodology.

Prerequisite(s): CYB3001, ITEC2081.

Offered at Providence

3 Semester Credits

### **CYB4010 Computer and Network Forensics**

This course introduces students to the nature of digital evidence, the tools and techniques used to acquire such evidence, and the practices used to preserve its integrity through the use of lectures and hands-on exercises. Students are also introduced to the process of testifying and ethics for the expert witness.

Prerequisite(s): Senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **CYB4026 Cyber Intelligence**

This course examines the emerging stages to the current operational and political impact of cyber intelligence. Students explore a full range of cyber capabilities from exploitation, attack and defense. Students analyze and discuss several case studies that demonstrate the challenges and benefits of cyber intelligence to the cyber operations and security environment. This course demonstrates how cyber security and operations have changed the nature of intelligence collections, operations and analysis across the intelligence communities.

Prerequisite(s): CYB3038.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **CYB4032 Perimeter Protection and Vulnerability Assessment**

This course examines the threat from computer hackers and the countermeasures to protect against such attacks, including security policies, security hardware and software technologies, vulnerability analysis, security assessments, penetration testing, and vulnerability scanners. Topics include types of network security, varieties of attacks, fundamentals of firewalls, firewall practical applications, intrusion detection systems, encryption, virtual private networks, operating system hardening, defending against virus attacks, Trojan horses and spyware, security policies, assessing a system, security standards, and computer-based espionage and terrorism.

Prerequisite(s): ITEC3075.

Offered at Charlotte, Providence

3 Semester Credits

### **CYB4044 Active Cyber Defense and Countermeasures**

This course is based on the concept that current, traditional "boxed" defense solutions are no longer working and attackers are becoming more and more successful as a result. Emphasis is on new strategies for IT security professionals to be successful. Topics include tools for proactive defense, such as annoyance, attribution and attack.

Prerequisite(s): CYB4032.

Offered at Charlotte, Providence

3 Semester Credits

### **CYB4050 Exploitation & Incident Response**

This course introduces students to the arts and skillsets of traditional "Red" and "Blue" teams. Participants are immersed into worlds of computer exploitation and incident response, providing the unique experience of learning how to compromise a machine/network and then uncovering and documenting the evidence left behind. In addition, the course teaches the student to utilize a variety of open source tools to exploit weaknesses in a typical networked environment. The class introduces defense techniques aimed at common system/network weaknesses. Topics include physical security, social engineering, reconnaissance, port/network and vulnerability scanning, creating custom exploits, weaponizing documents, and anti-virus evasion.

Prerequisite(s): CYB3205, CYB3220.

Offered at Providence

3 Semester Credits

## **Data Analytics (DATA) Courses**

### **DATA5025 Tools for Data Analytics**

This course teaches students without a background in a database and/or statistical scripting language the concepts necessary to complete the graduate program in Data Analytics. This course delivers an understanding of core concepts of database and analytical programming. Students clean, manipulate and visualize data to solve problems utilizing tools such as SQL and R.

Offered at Online, Providence

3 Semester Credits

### **DATA5050 Data Management**

This course introduces students to data management by exploring the history of databases, database concepts and structures, the data project cycle, and data best practices. Students learn basic SQL skills to gain an understanding of what is possible with data and build on foundational database concepts. Throughout the course, focus is also placed on data ethics and its role in current business issues. Students demonstrate what is possible with data by completing a project utilizing learned data skills.

Offered at Online, Providence

3 Semester Credits

### **DATA5100 Statistical Analysis**

This course explores how statistics can be used as a powerful tool for data analysis. Students learn several statistical approaches while using programming language centered around statistics to work with real data. Students gain an understanding of the descriptive and inferential statistics and how they are key concepts in the quantitative analysis of data. Students demonstrate understanding of topics through practical use case scenarios.

Prerequisite(s): DATA5025 (or concurrent) or permission from the department chair.

Offered at Online, Providence

3 Semester Credits

### **DATA5150 Data Mining**

This course introduces the theories and tools for intensive data analysis methods and data-mining techniques such as rule-based learning, decision trees, clustering, and association rule mining. This course also covers interpretation of the mined patterns using visualization techniques and offers students an opportunity to gain the knowledge and experience to apply modern data-mining techniques for effective large-scale data pattern recognition and insight discovery. Data analysis software is introduced via currently used tools in the industry. In addition to expanding upon the earlier introduced approaches to discerning and validating patterns in data through sound applications of the scientific method, with a particular emphasis on hypothesis testing, the notion of statistical significance, and tests of difference, the goal of this course is to endow students with the fundamental data management, review, re-engineering, and exploration skills, as necessary data analytical competencies. Discussions include the main data-mining methods currently used, including data preparation, cleaning, testing, training, clustering, classification, association rule mining, decision networks, and other common data-mining algorithms and techniques.

Prerequisite(s): DATA5025 or permission from the department chair.

Offered at Online, Providence

3 Semester Credits

### **DATA5200 Data Visualization**

This course provides students with the tools and techniques to tell a story visually with data. Many analysts find great insights in the data but struggle to successfully deliver their message. The goal of this course is to provide a foundation to bridge that gap. Students learn visual perception and cognition concepts through the creation of powerful visualizations using tools like Tableau and Power BI. This is a project-based course, where students work with data from exploration to the creation of a dashboard that clearly delivers its intended message.

Offered at Online, Providence

3 Semester Credits

### **DATA5300 Big Data Analytics**

This course introduces students to the world of Big Data, a world in which websites, mobile phone applications, credit cards and many more everyday tools we use extensively collect a tremendous amount of information. Students learn about the history, current challenges, trends and applications of these massive datasets. They explore the specialized algorithms for Big Data analysis, mining and learning algorithms that have been developed specifically to deal with large datasets. Students learn about techniques used for managing Big Data such as cloud computing, map-reduce parallel computing, distributed file systems, No SQL databases, stream computing engines and other related technologies.

Prerequisite(s): DATA5100.

Offered at Online, Providence

3 Semester Credits

### **DATA5350 Text & Web Mining Analytics**

In this course students dive into the critical intersection of text, programming, and actionable insights. Specifically, this course covers important topics in text mining, including basic natural language processing techniques, document representation, text categorization and clustering, document summarization, sentiment analysis, social network and social media analysis, probabilistic topic models, and text visualization.

Prerequisite(s): DATA5100.

Offered at Online, Providence

3 Semester Credits

### **DATA5400 Introduction to Predictive Modeling**

This introductory course focuses on how to use predictive models to analyze data. Data in the real world involves elements of systematic patterns as well as uncertainty. The uncertainty may arise from missing information, measurement error or incomplete sampling of the population. Statistical modeling methodologies provide a set of tools for understanding data by incorporating assumptions and prior knowledge. These models are useful for supporting decision-making in many areas of computer science, including machine learning, data mining, natural language processing, computer vision, and image analysis.

Prerequisite(s): DATA5100.

Offered at Online, Providence

3 Semester Credits

### **DATA5515 Advanced Topics in Predictive Analytics**

In this advanced course in predictive analytics, students learn the basic theory of stationary processes, linear filters, spectral analysis, ARIMA models, forecasting and smoothing, models for trends and seasonal patterns, and autoregression and time series regression models. Hierarchically introduced methods start with terminology and exploratory graphics, moving to descriptive statistics, and ending with modeling, forecasting procedures and practical applications. Emphasis is on the practical application of time series models.

Prerequisite(s): DATA5400.

Offered at Online, Providence

3 Semester Credits

### **DATA5550 Optimization Simulation**

Drawing upon previous coursework in predictive analytics, modeling, and data mining, this course provides a review of statistical and mathematical programming and advanced modeling techniques. It explores computer intensive methods for parameter and error estimation, model selection, and model evaluation. The course focuses upon business applications of statistical graphics and data visualization, tree-structured classification and regression, neural networks, smoothing methods, hybrid models, multi-way analysis, and hierarchical models. This is a case-study and project-based course with a strong programming component.

Prerequisite(s): DATA5100.

Offered at Online, Providence

3 Semester Credits

### **DATA5600 Research Methods in Data Analytics**

This course enables graduate students to develop problem-solving, critical thinking and decision-making skills that are important for professionals in all areas of data analytics. Students evaluate quantitative research methods and develop techniques to improve their understanding and evaluation of information. The course examines the research process from problem identification and hypothesis development to data gathering and analysis. Students review pertinent data and literature such as secondary sources, critique published materials, and focus on the nature of empirical research and the elements of research design. Particular attention is given to the student's perspective of the applicability of research to their data analytics careers.

Prerequisite(s): DATA5100.

Offered at Online, Providence

3 Semester Credits

### **DATA5700 Data Analytics Capstone**

This capstone course challenges students to apply theoretical knowledge acquired throughout the program to a project involving actual data in a realistic setting. With faculty guidance, students collect and process data by applying suitable and appropriate analytic methods. Students identify the problem and methodological framework necessary to apply to recommended solutions. At the conclusion of the course, students communicate their findings by presenting to a select group of faculty and/or the client.

Prerequisite(s): Completion of 27 credits in program.

Offered at Online, Providence

3 Semester Credits

## **Digital Mrktg & Social Media (DMSM) Courses**

### **DMSM1001 Introduction to Digital/Social/Mobile Media**

This course introduces students to the history of digital, social and mobile media and the unique characteristics of each. Students gain an understanding of the development of marketing objectives and strategies using such media; identify best practices, advantages and disadvantages of each platform; review emerging technologies and trends; and understand metrics and how to analyze and evaluate data. Students are required to participate in a high level of interactivity with social, digital and mobile media networks, forums, digital bulletin boards, blogs, wikis and more. Based on case studies, students analyze and make recommendations for successful digital, social and mobile media strategies.

Offered at Online, Providence

3 Semester Credits

### **DMSM2025 Introduction to Data Visualization**

This course introduces students to the concept of data visualization. The course begins with an examination of the element of visual design and how it can effectively be used to present data. The psychology of human perception, decision-making and the identification of a target audience are explored. Students learn how to effectively use industry tools for live audience presentations. The fundamentals of storytelling are explored. Students learn the process of analyzing, shaping and presenting data for effective decision-making.

Prerequisite(s): FIT1040.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **DMSM2050 Spreadsheets for Data Analysis**

This course introduces students to the power of Excel and its ability to analyze. Focus is placed on data models, PivotTables, PowerQuery, PowerPivot and data visualization.

Prerequisite(s): FIT1040.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **DMSM4030 Senior Capstone**

This capstone course leads students through the assembly of a comprehensive presentation that demonstrates mastery of digital and social media marketing strategies. With faculty guidance, students plan and execute a digital/social media marketing campaign which is analyzed for its effectiveness. The action plan, which consists of the project plan, execution schedule, data collection methodology, analysis of findings, and conclusions/recommendations for a real product or service, is presented to a group of faculty and the client, if applicable.

Prerequisite(s): MRKT3085, senior status.

Offered at Online, Providence

4 Semester Credits

## **Directed Experiential Ed (DEE) Courses**

### **DEE3999 Directed Experiential Education**

Directed Experiential Education (DEE) offers students an intensive, project-based experiential learning opportunity conducted under the supervision of a faculty member. Experiences are driven by a specific industry-based or functional-area-based project completed for a nonprofit or for-profit DEE partner. Through weekly group seminar meetings, extensive field work (independent and/or group-based) and purposeful reflection, students apply acquired discipline-specific skills and knowledge, develop leadership and collaborative abilities, and refine critical thinking, problem-solving and active citizenship skills. The course culminates in a formal presentation to the DEE partner. This course is recognized as an Experiential Education (EE) course, indicating that experiential learning is used as a primary method of achieving the course objectives.

Prerequisite(s): Minimum of 57 credits and faculty recommendation.

Offered at Charlotte, Online, Providence

3-6 Semester Credits

### **DEE6899 Directed Experiential Education**

Directed Experiential Education (DEE) offers students an intensive, semester-long, project-based experiential learning opportunity conducted under the supervision of a faculty member. Experiences are driven by a specific industry-based or a functional area-based project completed for a nonprofit or for-profit DEE partner. Through weekly group seminar meetings, extensive field work (independent and/or group-based) and purposeful reflection, students construct and appraise acquired discipline-specific skills and knowledge, develop leadership and collaborative abilities, support critical thinking, and formulate problem-solving and active citizenship skills. The course culminates in a formal presentation and deliverables to the DEE partner, and is recognized as an "Experiential Education" (EE) course, indicating that experiential learning is used as a primary method of achieving the course objectives. Students can take up to three semesters of this course at 3.0 credits per semester.

Prerequisite(s): Faculty recommendation and approval by the department chair.

Offered at Providence

3 Semester Credits

## Economics (ECON) Courses

### **ECON1001 Macroeconomics**

This course is designed as a general introductory course in economics covering the major elements of economic theory that apply to the overall economy. It is designated as the first of two introductory courses in economics. The various topics it covers include how the economy functions as a whole, the market system, national income, business cycles, the financial system, macroeconomic theories, monetary and fiscal policy, and international trade.

Prerequisite(s): MATH1002 or math placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ECON1002 Microeconomics**

This course consists of microeconomic principles and issues. Course content examines and analyzes demand and supply elasticities and efficiency of the market equilibrium. In addition, the costs of production and the four basic market models of firms' short-run and long-run operations are discussed. Other topics covered include pricing strategies, market failures and government policies to resolve them.

Prerequisite(s): MATH1002 or math placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ECON2010 World Economic Geography**

The purpose of this course is to provide an understanding of the economic resources at our disposal and the natural conditions under which the utilization of these resources may be achieved. Locations, characteristics, and relationships of economic activities are discussed and analyzed to permit better insight into these issues.

Prerequisite(s): ECON1001 or ECON1002.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ECON2011 Intermediate Macroeconomics**

This course is designed to be a comprehensive analysis of the economy as a whole. Topics covered are economic growth, unemployment, inflation, business cycles, as well as monetary and fiscal policy. An examination of economic theories of the long run and short run are also included.

Prerequisite(s): ECON1001, MATH1035, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ECON2022 Intermediate Microeconomics**

This course is an in-depth analysis of how individuals and firms make decisions under conditions of scarcity. Topics examined are consumer choice, demand and supply, elasticity, cost functions, market structures, profit maximization, optimal pricing, game theory and market failures.

Prerequisite(s): ECON1002, MATH1035, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ECON3030 Managerial Economics**

This course introduces business students to the application of economic principles at the decision-making level in a business organization. This course demonstrates how economic concepts can be applied to decisions involving business strategy and the attainment of organizational objectives.

Prerequisite(s): ECON1002.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ECON3070 Contemporary Economic Issues**

This course is a topical examination of current macroeconomic and microeconomic issues that impact the U.S. economy. Course content examines and analyzes topics such as government finance, health care, the environment, energy, poverty and welfare, social economic issues, the housing market, terrorism, casino gambling, and the stock market.

Prerequisite(s): ECON1001, ECON1002.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ECON3120 Economics of Pandemics**

This course takes a broad view of pandemics that includes COVID-19 and other pandemics such as AIDS, SARS and Ebola epidemics and provides an economic analysis of these crises. It compares the policy responses across the world and over time to evaluate various tradeoffs and the roles played by the private and public sector in responding to these crises. The rules of pandemic economics provide a playbook for policymakers to manage future health crises.

Prerequisite(s): ECON1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

## Education (EDUC) Courses

### **EDUC5070 Disciplinary Literacy in the Secondary Classroom**

Teacher candidates study the role of literacy in the teaching and learning process in the secondary classroom. They identify strategies to help their students access information, improve comprehension, and communicate effectively through reading, writing, speaking, listening and critical thinking. Teacher candidates develop lessons with an underpinning of the Understanding by Design framework that develop the literacy abilities of their students as well as the content-specific concepts and skills of their discipline.

Offered at Providence

3 Semester Credits

### **EDUC5130 Foundations for Teaching and Learning**

This initial course in the M.A.T. program provides students with foundational knowledge in learning theory, action research, and educational practices including the role of technology to build a broad understanding of learning and teaching in American schools today. Through course lectures, videos, readings, discussion and interactive activities, students examine a variety of issues including neurological and cultural factors that impact how students learn, characteristics of standards-based curricula, meeting the needs of diverse learners, the power of collaboration, and the purposes for formative and summative assessments. Students examine and utilize the Common Core State Standards in a data-driven school improvement project designed to give them a "big-picture" understanding of how teachers, administrators and community members use research, assessment and contextual data to inform practice and support student learning. Students examine the Rhode Island Professional Teacher Standards and the Rhode Island teacher evaluation system to support their emerging understanding of the professional, educational, legal and ethical responsibilities to students and their families.

Offered at Providence

3 Semester Credits

### **EDUC5170 Best Practices in Literacy Instruction**

This course explores the science of reading through an instructional framework designed to teach phonemic awareness, phonics, vocabulary/word study, reading fluency and reading comprehension. Students write lesson plans in each of these five areas of reading and implement lessons in class and/or field settings. Through course content and guided field experiences students learn strategies and best practices to teach reading, writing, speaking and listening skills. This course focuses on English Language Arts as an interdisciplinary and developmental process.

Offered at Providence

3 Semester Credits

### **EDUC5180 Curriculum Development for Culinary Arts Programs**

This course introduces students to current theories and models in curriculum design in the field of culinary education. Students explore and evaluate curricula currently used in both higher education culinary programs and in high school culinary programs. During this process, students identify an area of need or of interest in the field and construct program or unit curricula to improve teaching and learning outcomes. Students identify standards, formative and summative assessment measures, instructional strategies and resources for student achievement.

Prerequisite(s): EDUC5130.

Offered at Providence

3 Semester Credits

### **EDUC5190 Teaching Financial Literacy**

Pre-service business education teachers learn various strategies for teaching secondary students the knowledge, skills and dispositions required for them to become independent adult consumers capable of making wise financial decisions for a lifetime of economic well-being. Emphasis is placed on supporting secondary students in managing their own personal finances by employing knowledge and critical thinking. Online tools and financial literacy resources are employed to research the most current data and information on personal finance topics such as savings, credit, investing, insurance, taxes, budgeting, banking and other important components of personal finance. Teacher candidates design lessons that connect to the Common Core State Standards and engage students in critical thinking, problem-solving and sound decision-making in the consumer financial enterprise. Participants observe, reflect on and implement lessons based on course content through related lab experiences.

Prerequisite(s): EDUC5230.

Offered at Providence

3 Semester Credits

### **EDUC5230 Strategies for Teaching Business**

This course provides aspiring business teachers with information and experiences that will help them develop and deliver effective instructional programs for students at the secondary level. Teacher candidates put instructional theory into practice in the areas of lesson planning, classroom instruction, management and assessment. In both class and fieldwork settings in high school classrooms, teacher candidates engage in planning, delivering and evaluating lessons, and providing feedback to support student learning in the business classroom. Discussion of readings, reflection on practice, and the use of technological advancements in the classroom setting enrich the learning experience.

Prerequisite(s): EDUC5130.

Offered at Providence

3 Semester Credits

### **EDUC5240 Methods of Teaching Culinary Arts**

This methods course provides students with the knowledge of the principles and techniques of instruction as it pertains to the experiential classroom of culinary arts. Emphasis is on long-range and daily plans, methods, tools and skills of instruction. The organization of instructional materials and supplementary materials in order to accommodate special needs and individual differences among students in today's diversely populated secondary and post-secondary school classrooms is stressed. Participants observe, reflect on and implement lessons based on course content and through related lab experiences. Students are required to synthesize the content of the course, current research and best practices with their fieldwork experiences.

Prerequisite(s): EDUC5130.

Offered at Providence

3 Semester Credits

### **EDUC5260 Strategies for Teaching Mathematics**

This course is based on best practices in level two and level three research for delivering mathematics instruction. Value is placed on thinking, reasoning, and communicating mathematically and making connections among mathematical ideas and real-world situations. All course content is connected to teacher moves based on the Ten Principles of Thinking Mathematics and student habits of mind based on the Eight Mathematical Practices. Participants observe, reflect, write and implement lessons based on course content through related lab experiences. Participants use protocols for looking at student work. This course provides an opportunity to deepen mathematical understandings and align instructional practice to Common Core Standards and Mathematical Language Routines.

Prerequisite(s): EDUC5130.

Offered at Providence

3 Semester Credits

### **EDUC5270 Advanced Methods of Teaching Culinary Arts**

This advanced methods course is designed to expand upon the course outcomes of Methods of Teaching Culinary Arts. Students apply their knowledge of the principles and pedagogies for teaching culinary/pastry arts skills in both a lab and classroom environment. Emphasis is placed on understanding how students think, learn, communicate, and perform culinary/pastry technical skills in the experiential culinary arts classroom. Students construct a standards-based unit using a backward design framework and teach a lesson or series of lessons from their unit. Self, peer and instructor feedback is used to strengthen their teaching practice.

Prerequisite(s): EDUC5240.

Offered at Providence

6 Semester Credits

### **EDUC5280 Strategies for Teaching Science**

Pre-service teachers critically analyze and develop science curriculum that meets the needs of all learners using the Understanding by Design (UbD) framework. Teacher candidates review science content as they synthesize the Next Generation Science Standards to determine enduring understandings that are critical for real-world application. Emphasis is placed on the incorporation of the eight science and engineering practices within inquiry-based science experiences. Teacher candidates are required to demonstrate high levels of reflection to connect current research to observations in lab experiences.

Prerequisite(s): EDUC6120.

Offered at Providence

3 Semester Credits

### **EDUC5315 Exploration of Teaching and Learning**

This course examines fundamental principles, beliefs and issues in teaching and learning. Participants explore these areas of inquiry to develop a vision of effective teaching that serves as the foundation for the M.Ed. in Teaching and Learning program at Johnson & Wales University. Emphasis is on the importance of developing accomplished practice and the potential of effective teaching to support significant student learning. Various educational and instructional theories, philosophies, practices and programs are explored to evaluate their role in contributing to accomplished teaching. Emphasis is given to the critical role of research and data to guide instruction and instructional planning. Through critical analysis, coursework and reflection, participants analyze and apply these understandings to their teaching context in a "classroom as laboratory" model.

Offered at Providence

4.5 Semester Credits

### **EDUC5335 Culturally Responsive Teaching**

This course examines the learner and his/her role in the teaching and learning equation and how the teacher can impact the learning process. The focus of the course is on the interactive nature of teaching for learning in which the teacher continuously and proactively acts to support students and their learning. A major theme of this course is knowing students as individuals and how students' culture, backgrounds, strengths and challenges affect teaching and learning. Emphasis is also placed on knowing how students learn and the use of this knowledge to support student learning and design effective learning environments. Connecting these two threads is the essential role of the teacher to actively monitor and manage the learning environment and student learning. Through critical analysis and course work, participants analyze and apply these understandings to their teaching context to document their emerging mastery and use of strategies to support student learning.

Offered at Providence

4.5 Semester Credits

### **EDUC5355 Standards and Curriculum Development**

This course examines the nature and roles of standards, standards-based learning, curriculum and instructional design. Emphasis is on identifying how standards support and inform student learning, the relationship between curriculum and classroom instruction, and the focus of the teacher in planning and designing effective learning experiences. An additional theme of the course is the teacher's crucial role as designer, producer, consumer and reviewer of curriculum and instruction. Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context to document their emerging expertise.

Prerequisite(s): EDUC5315.

Offered at Providence

4.5 Semester Credits

**EDUC5375 Instructional Strategies and Resources**

This course examines high quality curriculum design with emphasis on instructional strategies and resources and their impact on student learning. Strategies and resources that effective teachers use to support students and their learning are explored, such as teaching as an iterative process, and matching instructional use of strategies and resources that are based on research, best practices, content, and student needs. Emphasis is also given to the essential role of reflection and revision, as effective teachers continuously monitor and learn from their practice. Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context to document their emerging expertise with the selection and use of instructional strategies and resources.

Prerequisite(s): EDUC5315.

Offered at Providence

4.5 Semester Credits

**EDUC5400 Using Feedback to Support Learning in Culinary Education**

This course explores how assessment and resulting data are used to guide and inform instruction in the culinary classroom/kitchen. A major theme of the course is formative assessment as a tool to effectively monitor, respond to, and advance student learning. Participants examine how students think and develop skills in the culinary setting and design lessons that strategically use the formative assessment process to assess learning and guide instruction for whole class, small group and individual learners. In addition, participants explore and apply strategies that allow their students to use feedback to improve learning. Emphasis is given to the use of rubrics, grading practices and the effective use of technology strategies to assist in the process of formative assessment.

Prerequisite(s): EDUC5240.

Offered at Providence

3 Semester Credits

**EDUC6120 Assessment for Student Learning**

This course explores how assessment and resulting data are used to guide and inform instruction. Students use formative assessment as a tool to effectively monitor, respond to, and develop student learning. Participants examine how students think and develop skills in their discipline and design lessons that strategically use formative assessment strategies to assess learning and guide instruction. Participants implement a lesson applying formative assessment and collaboratively reflect upon the lesson with peers in order to improve their practice. Emphasis is given to the use of rubrics, grading practices and the effective use of technology strategies to assist in the process of formative assessment.

Prerequisite(s): EDUC5130.

Offered at Providence

3 Semester Credits

**EDUC6230 Disciplinary Literacy in the Social Studies Classroom**

This methods course is designed to provide knowledge of how to design and teach an integrated study of social sciences and the humanities to promote historical understanding and civic competence among students. Emphasis is on instruction that facilitates the teaching of social studies content, skills, concepts and disciplinary literacy through daily and long-range planning aligned with the Understanding by Design framework, and the use of research-based, best-practice methods. The course also emphasizes the tools and skills of instruction and the organization of instructional and supplementary materials in order to accommodate the special needs and individual differences among students in today's diverse elementary school classrooms. Based on course content and collaboration with cooperating teachers, participants design a content area unit to be implemented during student teaching.

Prerequisite(s): EDUC6120.

Offered at Providence

3 Semester Credits

**EDUC6250 Coding, Apps, and Digital Collaborative Tools**

This course provides an understanding of digital collaborative tools and emerging technology in order to create authentic learning. It introduces programming and apps for student engagement for digital learners. Students learn about these various digital technologies and how to design and infuse them into their pedagogy. Through in-class, individual, hands-on instruction and team-based experiential learning, students incorporate these innovative tools into their classrooms to create purposeful curriculum design with 21st-century tools.

Prerequisite(s): EDUC5230.

Offered at Providence

3 Semester Credits

**EDUC6315 Assessment and Evaluation in Education**

This course examines the field of assessment, major issues and trends, and the impact of assessment on teaching and learning. Students explore the various types and purposes of assessments, and examine foundational concepts of the field, such as validity and reliability. Students look at a variety of large and small-scale assessment data and explore the use of data to inform curricular and programmatic changes.

Prerequisite(s): EDUC5375.

Offered at Providence

4.5 Semester Credits

**EDUC6335 Embedding Formative Assessment in Teaching Practices**

This course extends and deepens understandings about the impact of assessment on teaching and learning. The course focuses on assessment as a teaching and learning strategy as opposed to simply being a matter of testing and evaluating. A major theme of the course is formative assessment as a tool to effectively monitor, respond to, and develop student learning. Emphasis is also given to the use of learning progressions, rubrics, collaboratively examining student work and the student's role in assessing their learning. Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context to document their emerging concept of assessment for learning.

Prerequisite(s): EDUC5375.

Offered at Providence

4.5 Semester Credits

**EDUC6355 Supporting Learners in a Challenging World**

This course examines the broad context of contemporary education. From issues of economic instability to the demands of college and career readiness, today's educators must support students who arrive in the classroom facing any number of family, mental health, economic and societal issues. Each course participant takes a deep dive into one issue to determine impacts on students and learning. Research in education and related fields is used to develop recommendations to support students academically, emotionally and socially, building skills and knowledge that lead to increased grit and resiliency. Students complete a case study to put their learning into practice. Through sharing research in this learning community, course participants benefit from each other's growing expertise.

Prerequisite(s): EDUC6315.

Offered at Providence

4.5 Semester Credits

**EDUC6375 Teaching: A Call to Action**

This course explores the multiple and critical roles accomplished teachers engage in and fulfill to support student learning and advance the goals of the larger educational community. The focus of the course is on how and why accomplished teachers, in addition to their instructional responsibilities, must act as learners, leaders and collaborators with their colleagues, the community and students' families to maximize learning and advance the culture of learning and teaching. In addition to examining these critical roles, participants demonstrate, share and reflect upon evidence of their emerging engagement in each. As the last course in the M.Ed. in Teaching and Learning, this course requires that degree candidates connect and synthesize learnings and central themes, which have evolved during their work in the program, to their ongoing efforts to be learners, leaders and collaborators. Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context and develop a path for continuous future growth.

Prerequisite(s): EDUC6315.

Offered at Providence

4.5 Semester Credits

**EDUC6570 Classroom Management in the Culinary Arts**

The purpose of this course is to provide pre-service culinary/baking teachers with group and individual behavior management and instructional procedures that can be used in a variety of educational environments. Course content provides both theoretical understanding and practical application of strategies aimed at creating safe, encouraging and effective learning environments. Emphasis is placed on the use of evidence-based instructional procedures rather than the content (i.e., curriculum) of instruction, behavior and program evaluation, and core management principles. Specific focus is on the unique challenges and opportunities of the culinary/baking setting. Prerequisite(s): EDUC5270.

Offered at Providence

3 Semester Credits

**EDUC6610 Sustaining a Culinary Arts Program**

This course is designed to prepare students to sustain culinary arts programs in secondary and postsecondary settings. Through an examination of prototypes, case studies and existing programs, students evaluate features of culinary arts programs with respect to their structure, educational quality, funding sources and marketing strategies. Emphasis is placed on how these elements are interconnected and how programs can be made more sustainable through specific strategies. Students synthesize their findings and develop a fiscally sustainable program that meets the needs of students.

Prerequisite(s): EDUC5270.

Offered at Providence

3 Semester Credits

**EDUC6910 Student Teaching Part 1: Elementary Education**

Students in this course spend 30 school days in a supervised teaching situation at a public elementary school (grades 1–6) or middle school (grades 4–6) site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): EDUC6120.

Offered at Providence

3 Semester Credits

**EDUC6920 Student Teaching Part 2: Elementary Education**

Students in this course continue the Student Teaching Part 1: Elementary Education placement in a supervised teaching situation at a public elementary (grades 1–6) or middle school (grades 4–6) site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): EDUC6910.

Offered at Providence

3 Semester Credits

**EDUC6930 Student Teaching Part 1: Business Education**

Students in this course spend 30 school days in a supervised teaching situation at a public secondary school site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students may participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): EDUC6120.

Offered at Providence

3 Semester Credits

**EDUC6940 Student Teaching Part 2: Business Education**

Students in this course continue the Student Teaching Part 1: Business Education placement in a supervised teaching situation at a public secondary school site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): EDUC6930.

Offered at Providence

3 Semester Credits

**EDUC6950 Student Teaching Part 1: Culinary/Baking Education**

Students in this course spend 30 school days in a supervised teaching situation at a public secondary school site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students are required to demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students may participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): EDUC5270.

Offered at Providence

3 Semester Credits

**EDUC6960 Student Teaching Part 2: Culinary/Baking Education**

Students in this course continue the Student Teaching Part 1: Culinary/Baking Education placement in a supervised teaching situation at a public secondary school site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): EDUC6950.

Offered at Providence

3 Semester Credits



**EDUC6970 Capstone Part 1: Culinary/Baking**

Students in this course (and Part 2 of same) spend 15, 30 or 45 class days in a supervised teaching situation at Johnson & Wales University. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the JWU clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of all applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. In addition, along with the capstone faculty, each student designs and implements a culinary/baking curriculum capstone project that is research-based and tied to strong educational practice learned throughout the program. The scope of the project is tied to the length of the student teaching done as part of the overall capstone experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): EDUC5270.

Offered at Providence

3 Semester Credits

**EDUC6980 Capstone Part 2: Culinary/Baking**

Students in this course (and Part 1 of same) spend 15, 30 or 45 class days in a supervised teaching situation at Johnson & Wales University. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the JWU clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of all applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. In addition, along with the capstone faculty, each student designs and implements a culinary/baking curriculum capstone project that is research-based and tied to strong educational practice learned throughout the program. The scope of the project is tied to the length of the student teaching done as part of the overall capstone experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): EDUC6970.

Offered at Providence

3 Semester Credits

**EDUC7004 Research I**

This course prepares students to analyze, synthesize and apply research to educational issues and challenges in educational settings. Students draw on their professional experience in these settings to identify and analyze problems, formulate research questions, critique existing research, and use existing research to improve policies, programs and practices.

Offered at Providence

6 Semester Credits

**EDUC7011 Strategy & Change in Elementary and Secondary Education**

This course prepares students to lead change, particularly strategic and systemic change. Students develop competencies in strategic thinking and acting, developing change strategies, and facilitating innovation. This course focuses on the nature of change and the change process. Attention is given to the development of skills and strategies needed by educational leaders to challenge present practices and to create highly innovative alternatives. Students examine systems thinking and its application to education.

Attention is also given to building leadership capacity to support school reform and change. The course prepares students to incorporate information technology planning into the strategic planning process.

Offered at Providence

6 Semester Credits

**EDUC7021 Nature of Higher Education**

This course presents an overview of the defining characteristics of higher education in the U.S. with emphasis on past and emerging trends and on the social, economic and political issues that are crucial for higher education leaders in the 21st century to recognize and understand. Strategies and skills needed to bring about constructive change are studied and applied. The spectrum of postsecondary institutions is explored with reference to students, faculty, offerings, financing, policies, and such important issues as access, affordability, student success, academic quality and completion. A variety of information sources and mechanisms is used in this exploration.

Offered at Providence

6 Semester Credits

**EDUC7030 The Transformative Learning Environment in Higher Education**

This course prepares students to lead reform initiatives in teaching and learning in higher education settings. The course focuses on the relationships among curriculum, instruction and assessment. Students are given opportunities to examine key issues and problems influencing teaching and learning in higher education. Students engage in action research projects that are centered on typical problems in teaching and learning confronting educational leaders.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC7031 Organizational Theory and Behavior in Higher Education**

This course focuses on organizational theory, behavior, and collegiate culture as applied to higher education settings, with special emphasis on how leaders may influence change by developing a dynamic, holistic, systems approach to understanding and facilitating the work of the organization. Using organizational culture and theory as frameworks to view organizations, the course examines the complex relationships among individuals and groups, as well as team building, decision-making, conflict resolution, strategy, policy development, and administrative management styles. Organizational development and change theories are explored with regard to traditional and evolving patterns for organizing colleges to effectively meet current and future demands.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC7032 Organizational Theory, Behavior, and Development in Elementary and Secondary Education**

This course focuses on organizational theory, behavior and culture with special emphasis on how elementary-secondary leaders can affect change. Emphasis is on understanding the frameworks (political, symbolic, human resources and structural) that affect organizations and developing a systemic approach to facilitating the work of the organization. Coursework helps leaders re-frame existing organizations and review them from a different "lens" or perspective. This course examines the complex relationships among individuals and groups as well as team building, decision-making, conflict resolution, strategy, policy development, and administrative and management styles.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC7035 Teaching and Learning in Elementary and Secondary Education**

This course prepares students to lead reform initiatives in curriculum, instruction and assessment in the K-12 educational setting. Emphasis is given to the major phases of curriculum improvement: planning, development, implementation and evaluation. Students examine issues among such topics as theories of curriculum and instruction, leadership roles and responsibilities, supervision of instruction, the impact of technology in improving teaching and learning, professional development, differentiated instruction, student assessment, standards-based curriculum, and problem/project-based learning. Students engage in an action research project that is centered on typical problems in teaching and learning confronting educational leaders.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC8004 Research II**

Research II builds upon the content and skills acquired in Research I. The course prepares students to design and conduct qualitative and quantitative research addressed to significant educational issues and challenges in education settings. Students work in these settings to create research designs, collect and analyze qualitative and quantitative data, and derive/report findings and conclusions.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC8016 Resource Planning and Management in Higher Education**

This course assists doctoral students in developing the knowledge, skills and dispositions needed to plan and execute sound approaches to resource decision-making and use. Authentic fiscal issues and practices in higher education are identified and potential solutions and needed changes explored. Students investigate the entire spectrum of revenues, rationales and justifications for budget requests and resource allocations, and design appropriate practices for resource management. Traditional and evolving funding sources are examined, and grant-writing strategies explored. The fusion of planning, budgeting and technology to produce better resource allocations, and oversight of those allocations, is emphasized.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC8017 Strategic Fiscal Leadership in Elementary and Secondary Education**

This course focuses on the economics, politics and administration of school finance from both theoretical and practical perspectives. Emphasis is placed on the strategic planning, policy and procedural aspects of school funding, resource allocation and school plant management. This course examines the relationship between financial management, educational leadership and organizational change. The fiscal management concepts and techniques needed by educational leaders in order to plan, control and evaluate their operations effectively are similarly examined. Students investigate how school finance, budget, business management, asset protection, and facilities planning and management are vital to the teaching and learning process.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC8090 Leadership in Higher Education**

This course builds upon the knowledge, skills and dispositions that students have acquired from their previous doctoral coursework and professional experiences to address authentic issues in higher education leadership. The approach is problem-based, context-bound and service-oriented. Through case studies, exercises and projects, students work individually and collaboratively to seek practical solutions to actual and hypothetical dilemmas in higher education. Emphasis is placed on analyzing and addressing the policy, legal and ethical aspects of issues, on seeking appropriate research paradigms, and on defining leadership roles to facilitate realistic and creative change.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC8095 Leadership in Elementary and Secondary Education**

This course examines leadership theories and models and their application to educational reform in elementary-secondary education and related community organizations. Topics addressed include: leadership styles, organizational cultures, school change strategies, leadership behaviors, leadership standards, site-based management, school culture, data-driven decision-making and shared decision-making. Students employ action research and problem-based learning approaches to conduct research on current leadership-related problems and issues.

Prerequisite(s): EDUC7004.

Offered at Providence

6 Semester Credits

**EDUC8120 Family and Community Engagement in Elementary and Secondary Education**

This course addresses the role of the educational leader in engaging the community in supporting the education of its children and youth. Topics focus on home and school collaboration and parent/family involvement in the education of children. Topics also include developing and maintaining relationships with businesses and higher education to promote their involvement and active participation in elementary and secondary schools. In addition, areas of community service, diversity within the community, community relations, and the schools as community centers are investigated.

Prerequisite(s): EDUC7004.

Offered at Providence

3 Semester Credits

**EDUC8150 The Contemporary College Student**

This course examines the intersection between the characteristics of contemporary student populations and the campus environments in which they operate – with a focus on how this intersection contributes to or detracts from their experiences and success in higher education. The course explores the ways in which higher education institutions support the students to ensure academic achievement, personal growth, persistence, and successful completion of their degree programs. The trends and changes in the demographics and characteristics of students who enroll in college are examined, along with current best practices for serving diverse student populations in all aspects of community life. Theoretical and research literature and current discourse on the college student experience from the perspective of various stakeholders are foundational to the learning. The course is guided by three questions: Who attends college today? What is each college's responsibility to their students to ensure their success and growth? And how does each college ensure that as a result of their experiences while in college, each student becomes a productive and contributing citizen of our world?

Prerequisite(s): EDUC7004.

Offered at Providence

3 Semester Credits

**EDUC8240 Law and Policy in Elementary and Secondary Education**

Students examine the relevant legal principles that affect the operation, organization and leadership of American public schools and gain knowledge about legal issues that support the use of effective and ethical engagement in leadership practices within the boundaries of constitutional, statutory and case law. Students examine the theoretical foundations (economic, political and institutional) to identify what influences, shapes and explains the development, implementation and evaluation of public policy.

Prerequisite(s): EDUC7004.

Offered at Providence

3 Semester Credits

**EDUC8270 Law and Policy in Higher Education**

This course examines current legal and policy issues in higher education, including policy, analysis, research and development, implementation, refinement, and monitoring mechanisms. Emphasis is placed on the use of policy as a tool for continuous improvement and development of higher education institutions and systems. The role of consultation with stakeholders in policy and regulatory development and refinement is stressed. The course emphasizes the knowledge, skills and attitudes relating to policy, the application of legal constructs and standards, and the understanding of governance structures and functions. Students learn about relevant statutory and case law for postsecondary leaders and policy makers with particular emphasis on employment, affirmative action, torts, public and private law, academic freedom, contracts, tenure, free speech, privacy rights, civil rights, due process, and student rights. Emphasis is placed on what postsecondary leaders need to know about the law and policy.

Prerequisite(s): EDUC7004.

Offered at Providence

3 Semester Credits

### **EDUC9005 Doctoral Dissertation I**

Doctoral Dissertation I provides guidance and practical support for doctoral candidates in the initial phases of the dissertation project with emphasis on refining the problem of practice and grounding the study; developing a dissertation proposal; submitting an application to the JWU Institutional Review Board (IRB) for permission to conduct the study; completing the ELP External Review Process; completing any other ethical research practices and protocols in accordance with the protection of human subjects and informed consent procedures; piloting instruments for data collection; conducting data collection for the approved study; transforming the dissertation proposal into chapters 1 and 3 for the dissertation; and outlining/developing the literature review (chapter 2) for the dissertation. Workshops are provided on special topics related to data collection, instrument design and sampling strategies, as well as scholarly writing support and APA formatting/guidelines sessions. Prerequisite(s): Successful completion of all required coursework at the 7000 and 8000 levels, passing score on Comprehensive Assessment. Offered at Providence  
6 Semester Credits

### **EDUC9010 Doctoral Dissertation II**

Doctoral Dissertation II provides guidance and practical support for doctoral candidates in the final phases of the dissertation with emphasis on data collection, analysis, and presentation of the study findings, conclusions and recommendations. Workshops are provided on special topics related to data collection, instrument design, data analysis, as well as scholarly writing support and APA formatting/guidelines sessions. Prerequisite(s): Successful completion of all required coursework at the 7000 and 8000 levels, passing score on Comprehensive Assessment. Offered at Providence  
6 Semester Credits

### **EDUC9011 Doctoral Dissertation Advisement**

This noncredit-bearing course is provided to students after the third year to provide ongoing dissertation advisement and continuous enrollment. Prerequisite(s): Successful completion of all required coursework at the 7000 and 8000 levels, passing score on Comprehensive Assessment. Offered at Providence  
0 Semester Credits

## **Engineering (ENGN) Courses**

### **ENGN1015 Introduction to Engineering**

This first-year engineering course is designed as an introduction to engineering and the techniques and tools used in solving engineering problems. The engineering design process is utilized in the development of solutions to problems. Data analysis, formula construction and graphing techniques are developed through the use of software applications. Programming in MATLAB and Python are included. Individual as well as team problem-solving activities are required with written technical documentation. The nature of engineering ethics and professional responsibility are discussed and the impact of engineering solutions in a global, economic, environmental and societal context are addressed. Offered at Providence  
3 Semester Credits

### **ENGN2001 Digital Logic Design**

This course focuses on the fundamental theory of combinational and sequential logic, including the analysis and design of digital circuits. Topics include numbering systems, logic gates, Boolean algebra, minimization of logic functions, timing diagrams, flip-flops, finite state diagrams, counters and registers. This course includes the use of FPGA software and tools for minimization, simulation, and schematic capture of combinational and sequential digital circuits. Offered at Providence  
4 Semester Credits

### **ENGN2009 C Programming for Engineering**

This programming course teaches students the fundamental principles of programming and using the C programming language to solve engineering problems. Students are familiarized with the process of design and development of computer programs to solve engineering problems using standard strategies and techniques used in industry. Topics covered include how programs are structured, how arrays and strings are processed, and how files are manipulated. Students gain experience with industry-specific hardware to interface with their programs. Prerequisite(s): ENGN1015. Offered at Providence  
4 Semester Credits

### **ENGN2020 Transform Methods for Engineering**

This course covers the time and frequency analysis of linear systems involving Fourier series, the Fourier and Laplace transforms. Transfer function analysis and synthesis principles are developed and placed into application settings. The role of the Laplace transform in network analysis including steady-state AC analysis is addressed. Equivalent state space models are developed. Prerequisite(s): ENGN2101, ENGN2102, MATH2040. Offered at Providence  
3 Semester Credits

### **ENGN2025 Mechanics I: Statics**

This course is an introduction to the fundamental concepts of engineering mechanics. Topics include terminology, two and three dimensional force systems, determination of the resultant force of force systems, analysis of coplanar systems in equilibrium, centroids, and moments of inertia and friction. Prerequisite(s): MATH1040 (or concurrent), ((PHY1011 and PHY1016) or (PHY2011 and PHY2016)). Offered at Providence  
3 Semester Credits

### **ENGN2035 Programmable Logic Controllers**

This course is an introduction to programmable logic controllers (PLCs). It focuses on how PLCs perform process control and motor control functions. Topics include PLC architecture, working principles, programming techniques, ladder logic programming, data manipulation, data highway, and various input/output modules and their interface for actuation signal control. Prerequisite(s): ENGN2101, ENGN2102. Offered at Providence  
3 Semester Credits

### **ENGN2062 Artificial Intelligence**

This course introduces students to the basic concepts of artificial intelligence, including some applications. The course first introduces the different methods of representing knowledge and inference methods. It is then followed by the study of rule based expert system, fuzzy expert systems and artificial neural networks. There is also a brief introduction to the area of evolutionary computation and genetic programming. Basic method of shape recognition and classifiers may be discussed. Some probability theory and Bayesian analysis are also covered in the course. Prerequisite(s): CSIS1020 or CSIS1101 or ENGN2009, MATH1030 (or higher). Offered at Providence  
3 Semester Credits

### **ENGN2085 Introduction to Embedded Systems**

This is an introductory project-oriented design course in embedded systems. Topics include embedded system architectures, memory systems and managements, sensors integrations, power managements, software development tools and platforms, and real-time operating systems. Prerequisite(s): (ENGN2009 and ENGN2014 (or concurrent)) or (CSIS2023 and ENGN2014 (or concurrent)) or (CSIS2023 and CYB2010 (or concurrent)) or (ENGN2009 and ENGN2205 (or concurrent)). Offered at Providence  
3 Semester Credits

**ENGN2101 Linear Circuit Theory**

This course provides a firm foundation in DC and AC circuit analysis. Emphasis is upon the understanding and application of Ohm's law and Kirchhoff's Voltage and Current Laws in RC, RL and RLC circuits. Methods of linear systems analysis are introduced including Thevenin's and Norton's theorems and the superposition principle. The use of complex numbers and phasor analysis are used to analyze AC passive network circuits. The concepts of maximum power transfer, resonance and passive filters are also covered. Developing an ability to solve engineering problems to design, implement and test circuits to meet design specifications is a focus of the course.

Prerequisite(s): MATH1040 (or concurrent), Corequisite: ENGN2102.

Offered at Providence

3 Semester Credits

**ENGN2102 Linear Circuit Theory Lab**

The course includes laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in ENGN2101 Linear Circuit Theory.

Prerequisite(s): MATH1040 (or concurrent), Corequisite: ENGN2101.

Offered at Providence

1 Semester Credit

**ENGN2205 Microcontrollers**

This course covers introductory and advanced topics in microcontrollers. Topics covered include microcontroller architecture, assembly instruction set, machine code, assembly and high level programming, subroutines, interrupts, basic microcontroller peripherals and co-processors. Various memory technologies and basic memory design for microcontrollers, the interdependence of hardware and software, input/output, and microcontroller applications development tools and platforms are studied.

Prerequisite(s): ENGN2001, ENGN2009.

Offered at Providence

3 Semester Credits

**ENGN3005 Operational Amplifiers and Linear Circuits**

This course focuses on the characteristics and application of operational amplifiers (OpAmps) The principles of feedback, open and closed loop operation, and inverting and non-inverting operation of operational amplifiers are explored as is the linear and non-linear operation of the OpAmp. Applications utilizing op-amps including its use as an integrator, differentiator, comparator and active filters are also included. Laboratory projects, both hands-on and simulation, are integrated to reinforce the theory presented in lecture with practical applications to determine device/component performance and operating conditions.

Prerequisite(s): ENGN2101, ENGN2102, MATH2040.

Offered at Providence

3 Semester Credits

**ENGN3022 Digital Image Processing**

This course introduces the basic elements of digital image processing. Emphasis is placed on the applications and practical aspects of digital image processing as well as their mathematical formulations and theory. This course involves intensive hands-on computer lab work using modern programming languages and packages. Topics in the course focus on image formations, image processing, image manipulation, and detection.

Prerequisite(s): CSIS1101 or ENGN2009, MATH1030 (or higher).

Offered at Providence

3 Semester Credits

**ENGN3025 Mechanics II: Dynamics**

This course introduces the fundamental concepts in kinematics and dynamics that are necessary to understand and analyze mechanisms and machines. Newtonian mechanics including kinematics and kinetics principles of rigid-body dynamics are introduced. Emphasis is on the analysis of bodies in plane motion.

Prerequisite(s): ENGN2025, MATH1040 (or concurrent), ((PHY1011 and PHY1016) or (PHY2011 and PHY2016)).

Offered at Providence

3 Semester Credits

**ENGN3045 Electricity & Magnetism**

This course is a study of the laws of electromagnetism including electrostatics, magnetostatics and electrodynamics. Maxwell's equations and the mathematical foundations of vector analysis are presented. The course also covers the basic topics in electronic communication: basic principles of antenna, signal transmission and reception; methods of modulations (AM, FM, PM, including DSB and SSB); and spectrum analysis of each method.

Prerequisite(s): ENGN2101, ENGN2102, MATH2043, PHY2022, PHY2026.

Offered at Providence

3 Semester Credits

**ENGN3053 Strength of Materials**

Introduction to the fundamental principles of strength, stiffness, and stability as they apply to mechanical components.

Prerequisite(s): ENGN2025, MATH1040.

Offered at Providence

3 Semester Credits

**ENGN3077 Fluid Mechanics**

This course is an introduction to topics in fluid mechanics. Topics include pressure, fluid kinematics, control volume analysis, dimensional analysis, differential analysis, and fluid flow inside piping.

Prerequisite(s): ENGN3025, MATH2040, ((PHY1011 and PHY1016) or (PHY2011 and PHY2016))

Offered at Providence

3 Semester Credits

**ENGN3100 Parametric Engineering Design**

This course explores the relationship between 2D representational drawings and 3D virtual and physical objects. Multi-view representation standards and techniques are presented and implemented through practice of traditional hand drawing. Parametric modeling software is employed to create virtual parts and assemblies from these drawings. Open-ended design problems are accomplished by utilizing multiple materials and methods of rapid prototyping, including laser cutting and 3D printing.

Offered at Providence

3 Semester Credits

**ENGN3150 Solid State Devices**

This course focuses on the characteristics and application of semiconductor devices in circuit design. The terminology, symbols, and applications of switching and rectifier diodes, Zener diodes, bipolar (BJT) transistors and Field effect (FET) transistors are examined. Circuit applications of power supplies, voltage regulation, small-signal amplifiers and power amplifiers are included.

Prerequisite(s): ENGN2101, ENGN2102, MATH1040, Corequisite: ENGN3151.

Offered at Providence

3 Semester Credits

**ENGN3151 Solid State Devices Lab**

This course includes laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in Solid State Devices, ENGN3150.

Prerequisite(s): ENGN2101, ENGN2102, MATH1040, Corequisite: ENGN3150.

Offered at Providence

1 Semester Credit

**ENGN3180 Microelectronics Design**

This is a project-oriented design course. Topics covered include contemporary design methodologies, prototyping platforms, programmable devices, hardware description language, as well as design, verification, realizations of digital systems and their building blocks. This course also covers the process of development and prototyping of electronic systems starting from problem statement to final fabrication at system and board level.

Prerequisite(s): ENGN2085, CYB2010 or ENGN2014 or ENGN2205.

Offered at Providence

3 Semester Credits

**ENGN3302 Robotics**

This course introduces students to the fundamental concepts and applications of robotics including the supporting disciplines of mechanics, motors, microprocessors, and the use of various sensors in robotic systems. Real-time programming and theoretical analysis of electrical, pneumatic and hydraulic servo control systems are covered as well as the theory and application of various sensors such as proximity, light, infrared, ultrasonic and vision. Students utilize microprocessor and microcontroller interfacing and engineering problem-solving skills in the creation of robotic projects in the course. Other topics of discussion and analysis include industrial applications in areas of automotive, semiconductor manufacturing, medical and aerospace.

Prerequisite(s): CSIS2023 or CSIS2050 or ENGN2009.

Offered at Providence

3 Semester Credits

**ENGN3303 Industrial Robotics**

This course includes an introduction to industrial robots, work cell integration, and manufacturing concepts with an emphasis on the implementation of Lean Manufacturing through design, integration and operation. Students explore how assembly line robots integrate into industrial production and how communications among Computer Numerical Control (CNC) machines, sensors, and pneumatic devices combine to make work cells. Simulated exercises and demonstrations reinforce the theory presented in lecture with practical applications.

Prerequisite(s): ENGN2101, ENGN2102, ENGN3302.

Offered at Providence

3 Semester Credits

**ENGN3355 Mechatronics**

This course introduces students to designing mechatronic systems. Topics include design of circuits with passive and active elements, communication between user interfaces and microcontrollers, integration of sensors and actuators, and control systems.

Prerequisite(s): ENGN2009, ENGN2035, ENGN2205.

Offered at Providence

3 Semester Credits

**ENGN4010 Configuration Management**

This course is an introduction to Configuration Management (CM) as a solution to engineering problems. Students are introduced to project management, change orders, documentation revision, product and project flow processes. Applications of CM are applied to the private corporate sector as well as to government agencies.

Prerequisite(s): Junior status.

Offered at Providence

3 Semester Credits

**ENGN4030 Digital Signal Processing**

This course involves the study of Fourier analysis for discrete-time and continuous-time signals and systems, difference equation, Z-transforms, digital filter structures and transfer functions. Analysis of sampling and aliasing effects are also presented with design algorithms for IIR and FIR Digital filters. Digital signal processing functions are also discussed. In addition, the course covers selected, basic concepts in electronic communications such as the electromagnetic spectrum, modulation and demodulation, and transmission and reception of signals.

Prerequisite(s): MATH2001 or MATH2010, MATH2043.

Offered at Providence

3 Semester Credits

**ENGN4075 Robotics & Automation I**

This course introduces students to the concepts and applications of robotics and automation. The study of robotics includes the supporting disciplines of mechanics, motors, microcontrollers, various sensors and artificial intelligence. The course covers the concepts of work envelope, real-time programming, and the theory of electrical, pneumatic and hydraulic servo control systems. Also, the theory and application of various sensors including temperature, proximity, ultrasonic and vision sensors, the use of microcontrollers, microcontroller interfacing, and artificial intelligence in robotic systems are addressed. Concepts in automation are covered, including manufacturing systems and elements in work cell.

Prerequisite(s): ENGN3350 or ENGN3355.

Offered at Providence

3 Semester Credits

**ENGN4080 Robotics & Automation II**

This is a design course incorporating the material studied in the areas of mechatronics, artificial intelligence and computer vision. The course integrates areas of knowledge in microcontroller interface for data acquisition of discrete, digital and analog data, robot kinematics, sensor design and sensor interfacing, communication, basic concepts in navigation and real-time programming.

Prerequisite(s): ENGN4075.

Offered at Providence

3 Semester Credits

**ENGN4140 Capstone Design I**

This is the first design course in a two-course capstone design sequence. This is a project-oriented course in which engineering students participate as a member of an engineering design team to apply engineering principles acquired through their academic and project experiences to complete a project plan for a design project. The design project includes real-world constraints, engineering standards and codes, and the implementation of various hardware and software engineering and/or other science disciplines. Team members employ various interpersonal and research skills in executing the project plan which includes considerations for social, environmental, global impact, and other relevant factors. Student teams demonstrate proof of concept and prepare and deliver a written and oral presentation on the design proposal. Student teams work closely with faculty to regularly assess the progress of the project through interim reporting.

Prerequisite(s): ENGN3180, senior status.

Offered at Providence

3 Semester Credits

**ENGN4145 Capstone Design II**

This is the second design course in a two-course capstone design sequence. This course is a continuation of ENGN4140. This is a project-oriented course in which engineering students participate as a member of an engineering design team to apply engineering principles acquired through their academic and project experiences in the implementation and materialization of the design project and the building of a prototype. Student teams focus on various engineering tasks while executing project activities, including design of digital intellectual property for embedded systems, hardware and software design testing, implementation, validation, reviewing, refining, and demonstration of the results of project activities. Student teams document their final design solution (which includes real-world constraints, engineering standards and codes) in a written report and make a final oral presentation where they demonstrate a functional prototype. Student teams work closely with faculty to regularly assess the progress of the design project through interim reporting.

Prerequisite(s): ENGN4140.

Offered at Providence

3 Semester Credits

## English (ENG) Courses

**ENG0001 Writing Workshop**

Students are assigned to this course based on a placement test given prior to registering for ENG1020. In this course, taken in conjunction with ENG1020, students review focus, purpose, development and conventions to successfully respond to an on-demand writing prompt.

Offered at Charlotte, Online, Providence

0 Semester Credits

**ENG1020 Rhetoric & Composition I**

This course introduces students to the skills required for college-level expository writing: critical reading, analysis, evaluation and synthesis. While gaining an understanding of college-level rhetorical theory, critical thinking and composing, students apply appropriate strategies and techniques to a variety of written communication tasks. A process approach empowers students to become flexible thinkers and problem solvers. Class work includes active participation in group discussion and peer critique workshops. Course requirements include several multi-phase composition projects (with significant work on planning, revising and editing) and a final reflective analytical essay exam.

Prerequisite(s): ENG0001 with concurrency or placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENG1021 Rhetoric & Composition II**

Building on the strategies of rhetoric and composition introduced in ENG1020, students work both individually and collaboratively to create more complex and rhetorically advanced compositions. Students participate in writing workshops enabling them to engage critically with scholarly texts for problem-solving and to consider diverse rhetorical situations when composing academic and non-academic original works. Course requirements combine several multi-phase individual and collaborative composition projects.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENG1024 Honors Composition: Writing in the Academy**

This Honors composition course introduces students to academic writing by exposing them to various discipline-specific ways of knowing, all of which stress critical thinking, research skills and the writing process. Students gain access to multiple perspectives on issues that cut across the curriculum, allowing them to analyze, synthesize, and evaluate these issues in ways that promote academic rigor, readiness for success throughout their academic program, and the skills critical to writing an engaging Honors Thesis. Students will write summaries and analyses of individual readings, expositions of interdisciplinary approaches, and a proposal for a project that comprises an academic research paper and oral presentation.

Prerequisite(s): Honors status.

Offered at Charlotte, Providence

3 Semester Credits

### **ENG1027 Honors Advanced Composition and Communications: Civic Discourse**

This advanced course in composition and communications builds on the skills developed in Honors Composition: Writing in the Academy (ENG1024) by introducing the element of civic discourse into academic writing in the disciplines. Having studied the conventions of academic writing in multiple disciplines, students now consider issues from the perspective of citizen-scholars. They examine controversial issues in the public sphere by studying rhetorical strategies of persuasion, and determining how classical rhetorical theories inform current socio/political debates. Students are required to participate in these debates as writers, researchers, and public speakers who can make effective persuasive arguments. The culminating assignment is a research/persuasive project comprised of an academic paper and a multimedia campaign.

Prerequisite(s): ENG1024 or English placement, honors status.

Offered at Charlotte, Providence

3 Semester Credits

### **ENG1030 Communication Skills**

This introductory course focuses on communication skills essential to career and personal success. Emphasis is placed upon awareness of and adaptation to the audience, ethical responsibility and cultural diversity. Students progress in gradual stages, gaining an understanding of the communication process along with confidence and experience in numerous speaking, listening and small group interactions.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENG2010 Introduction to Technical Communication**

Commonly defined as workplace communication that enables people to make decisions and perform tasks, technical communication spans a broad range of fields in which individuals and teams create a range of compositions including reports, proposals and instructions for a variety of audiences, purposes and circumstances. In this introductory course, students combine individual and collaborative work to advance their skill in analyzing rhetorical situations to enable planning and executing compositions for a variety of workplace audiences, purposes, and circumstances for delivery in multiple media.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENG2030 Newswriting**

This course provides students with a practical overview of basic news and feature writing for a variety of fields. Emphasis is placed on the role of journalists in contemporary society, soft and hard news, editorials, leads, the inverted pyramid, accurate interview quotes, ethics and AP style, among other topics.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Online, Providence

3 Semester Credits

### **ENG2100 Introduction to Linguistics**

This course provides an introduction to linguistics, the scientific study of language. Students gain an understanding of the core areas of linguistics including morphology, phonetics and phonology, syntax and semantics. Students explore the components of grammar and how to characterize language and become familiar with linguistic research.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Providence

3 Semester Credits

### **ENG2135 Honors Seminar: Voice to Power — Public Speaking and Civic Responsibility**

This course focuses on developing oral and written communication skills in the context of civic communication and communication in the public sphere. Students not only learn oral communication skills involving diction, body language, audience awareness and delivery, but also demonstrate understanding of rhetorical theory and analysis. Using memorable speeches from history and the current day, students identify the rhetorical strategies used and learn how to apply these skills to their own public speaking. Emphasis is on informative and persuasive speaking occasions and on learning from successful public speakers of past and present.

Prerequisite(s): Honors or SHARP status.

Offered at Providence

3 Semester Credits

### **ENG2401 Creative Writing**

This course offers students the opportunity to practice various forms of expressive writing. Students study models and learn techniques for writing effective poetry and prose. Instructors may also incorporate drama into the course work. Most of the daily class periods consist of discussion, lecture, in-class writing and workshops of student writing.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENG3010 Technical Editing**

This course prepares students for the responsibilities of an editor of common technical documents such as manuals/instructions, websites, reports or proposals delivered in print or online. Topics include copyediting, substantive (comprehensive) editing, and document design for final production. The principle of contextual editing for a range of purposes and audiences is emphasized, as well as the role of the editor as a team member in organizational settings. The student's command of grammar, sentence construction, and style is advanced and refined.

Prerequisite(s): ENG1021 or ENG1027, ENG2010 or ENG2030.

Offered at Online, Providence

3 Semester Credits

### **ENG3016 Advanced Business Communication**

This course prepares students to perform high-stakes written and oral communication tasks in organizational or entrepreneurial settings in a 21st-century global economy. Building on skills introduced in earlier composition and communication courses, students plan, compose and deliver documents and presentations for a diverse range of external and internal audiences. The course requires the highest level of professionalism not only in producing quality documents but also in interacting with external and in-house contacts.

Prerequisite(s): ENG1021 or ENG1027, ENG1030.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ENG3030 Food Writing**

This course provides students with an opportunity to concentrate on food writing for cookbooks, magazines, newspapers and websites. In addition to becoming familiar with the genre, students are introduced to the protocol for getting published. Students learn how to develop and compose food features and restaurant reviews, as well as construct and edit recipes. Interview techniques, query letters and tailoring work to various publications are also taught.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ENG3050 Travel Writing**

This course provides students with an opportunity to concentrate on travel writing for books, magazines, newspapers and websites. In addition to becoming familiar with the genre, they are introduced to the protocol for getting published. Students learn how to develop and compose travel features and guidebook entries. Interview techniques, query letters, and tailoring work to various publications are also taught.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Online, Providence

3 Semester Credits

**ENG3130 Sports Writing**

This course provides students with the opportunity to pursue the evolving world of sports writing. Students explore the history of sports writing from its early days to its current incarnation. Students study the masters, past and present, and then produce their own articles in print and online. The course further covers the genre's societal significance and how new media have changed coverage. Course work includes lectures, writing workshops and critiques.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Providence

3 Semester Credits

**ENG3150 Fashion Writing**

This course allows students to delve into the unique world of fashion writing, focusing both on the history and practice as they learn to craft compelling prose. Students explore past and current coverage, honing their journalism and multimedia skills, including blogging, photography and video. This course further examines the genre's role in popular culture and its commercial aspects. Course work includes lectures, writing workshops and critiques.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ENG3210 Food Media Presentation Skills**

This course provides students the opportunity to develop media performance skills, specifically related to the culinary field, to effectively disseminate information and educate food and beverage consumers in the 21st century. Students are introduced to various forms of digital food media communication by analyzing and critiquing existing audio-visual media. Students also learn and practice food styling, writing and audio-visual performance techniques and are instructed in the creative and technical aspects of food media. This course affords students the opportunity to practice a variety of communication skills, including written communication (encompassing grammatical and organizational skills), oral communication (including content delivery, vocal dynamics and body language) and technical skills (including creating blogs and performing podcasts and video segments).

Prerequisite(s): ENG1021 or ENG1027, ENG1030.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ENG3300 Literary Editing and Publishing**

This course combines the study of contemporary literary publishing and the practical skills of magazine production in literary creative arts. This course is a production class with the aim of producing a publication for public distribution, either hard-copy or electronically via a website or blog, thus providing students with the practical experience of producing a journal for a real-world audience that exists beyond the classroom. Focus is on improving students' artistic appreciation of writing, art and/or photography. Students are exposed to all levels of the editorial process with special attention given to soliciting and reviewing submissions of poetry, fiction, drama, creative essays and art; fundamentals of style; copy editing; proofreading; and the principles and practices of design. Additional benefits include experience in teamwork, project leadership, communications, analysis of literature and art, marketing, and technology. Students learn to use software such as Adobe InDesign and Adobe Photoshop, or make use of other online platforms to analyze noteworthy print and digital literary journals as their texts for the course.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Providence

3 Semester Credits

**ENG4530 Advanced Food Writing: The Food Memoir**

This advanced course introduces students to food memoirs for discussion, analysis and evaluation. Students examine the relationship of food to a number of relevant issues (culture, history, politics, family) as described in the food memoir and write about their own food memories and experiences, exploring how those memories and experiences reflect and comment upon culture, society and contemporary issues.

Prerequisite(s): ENG2401 or ENG3030.

Offered at Charlotte, Providence

3 Semester Credits

**ENG4602 Advanced Nonfiction Writing Workshop**

This course allows students to develop their habits and skills as critical readers and writers, reading extensively in contemporary nonfiction and writing in a variety of forms. This course is a writing workshop, requiring the production of polished prose for most class meetings, and a continuation of developing the ability to analyze nonfiction prose of all types. Working in a variety of forms, students refine their ability to consider the relationship between form, purpose and audience; working through a number of drafts, students further develop their skills as critical readers and thoughtful, careful writers.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Providence

3 Semester Credits

## English as a Second Lang (ESL) Courses

**ESL1110 Beginner Level Oral Communication for Academic Purposes**

This course provides students with the opportunity to build aural/oral skills and confidence at the beginner to advanced-beginner level. Students use text and audio materials to develop vocabulary and speech patterns and practice basic dialogs. Discrete listening is reinforced through exercises.

Prerequisite(s): Placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1120 Beginner Level Grammar for Academic Purposes**

This course introduces present, past and future forms of verbs, including the verb "be." Other grammatical components include nouns and pronouns, prepositions of location, and sentence structure.

Prerequisite(s): Placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1130 Beginner Level Reading for Academic Purposes**

This course provides students the opportunity to develop reading skills and an awareness of context clues. Students are introduced to skimming and scanning skills while increasing their vocabulary and comprehension.

Prerequisite(s): Placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1140 Beginner Level Writing for Academic Purposes**

This course presents the elements of composing, revising and editing paragraphs on a variety of topics using a process writing approach. Sentence construction, syntax and punctuation are emphasized. Students are introduced to critiquing paragraphs using model rubrics. Constructive feedback through peer and teacher conferencing is provided.

Prerequisite(s): Placement exam.

Offered at Online, Providence

6 Semester Credits

**ESL1210 Intermediate Level Oral Communication for Academic Purposes**

This course provides students the opportunity to develop language, vocabulary and listening, and note-taking skills. Students create presentations with a focus on topic choice and idea development. Through classroom discussions, students also begin to apply critical-thinking skills to formulate and express their own opinions and explore their own and other points of view on a variety of relevant topics.

Prerequisite(s): Successful completion of ESL1110 or placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1220 Intermediate Level Grammar for Academic Purposes**

This course reviews simple and progressive forms in present, past and future tenses and introduces the perfect in present and past tenses. An introduction to modals as well as a variety of structures such as clauses and question format are included. Through pair work, group work and grammar exercises, students work on perfecting their oral and written grammatical abilities in order to become more fluent in the English language.

Prerequisite(s): Successful completion of ESL1120 or placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1230 Intermediate Level Reading for Academic Purposes**

This course allows students to practice intermediate reading skills so they are able to read more accurately and fluently. Students learn to read from a critical perspective. In addition, students focus on understanding new vocabulary in context and vocabulary building. The basic elements of fiction are introduced.

Prerequisite(s): Successful completion of ESL1130 or placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1240 Intermediate Level Writing for Academic Purposes**

This course develops students' ability to create, revise and edit paragraphs, essays and business documents using a process-writing approach. Students are introduced to using outside sources. In addition, students utilize and enhance APA format. Peer and teacher conferencing provides constructive feedback.

Prerequisite(s): Successful completion of ESL1140 or placement exam.

Offered at Online, Providence

6 Semester Credits

**ESL1310 Advanced Level Oral Communication for Academic Purposes**

This course focuses on communication skills essential to academic success. Emphasis is placed on developing listening skills critical to understanding classroom lectures as well as developing the ability to present information clearly in academic presentations and classroom communication. Concepts from thematic units and outside research are critically integrated into discussions.

Prerequisite(s): Successful completion of ESL1210 or placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1320 Advanced Level Grammar for Academic Purposes**

This course develops students' grammar skills through contextualized exercises. Emphasis is on developing grammatical structures used in students' academic studies. Instruction begins with an overview of the verb tenses followed by use of the verb forms in various grammatical structures. Grammatical skills are reinforced in both spoken and written form.

Prerequisite(s): Successful completion of ESL1220 or placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1330 Advanced Level Reading for Academic Purposes**

This course prepares students for graduate academic reading and reading for research purposes. Using a variety of materials from textbooks, professional articles and journals to fiction and non-fiction books, students build comprehension skills and engage critically with the readings. Vocabulary building and application are also emphasized.

Prerequisite(s): Successful completion of ESL1230 or placement exam.

Offered at Online, Providence

3 Semester Credits

**ESL1340 Advanced Level Writing for Academic Purposes**

This course provides students with the skills necessary to compose, revise and edit essays, summaries and business documents, as well as to collaborate on work using a process-writing approach. Emphasis is placed on various academic rhetorical strategies including narrative, comparison/contrast, cause and effect, and/or problem/solution. Research techniques and APA documentation are utilized. Constructive feedback through peer and teacher conferencing is provided throughout the course.

Prerequisite(s): Successful completion of ESL1240 or placement exam.

Offered at Online, Providence

6 Semester Credits

## Entrepreneurship (ENTR) Courses

**ENTR2001 Introduction to Entrepreneurship**

This is an introductory course in entrepreneurship. The course demonstrates how entrepreneurs recognize business opportunities, develop ideas and identify markets. Students experiment with different methods of opportunity identification and ideation. Special focus is given to the application of design thinking to solve everyday problems. Students use this course to identify several alternative business ideas, assess their feasibility and choose the idea they wish to develop throughout their entrepreneurship studies. Students identify resources within and outside the university to help with their business development.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ENTR2005 Introduction to Cannabis Entrepreneurship**

This is an introductory course in entrepreneurship with a focus on the legal cannabis industry. The course demonstrates how entrepreneurs recognize business opportunities, develop ideas and identify potential gaps within the fast growing cannabis industry. Students experiment with different methods of opportunity identification and ideation. Special focus is given to identifying niches within the evolving market and developing scalable product lines. Students use this course to identify several alternative business ideas, assess their feasibility and choose the idea they wish to develop throughout their entrepreneurship studies. Students identify and engage with resources within and outside the university to help with their business development.

Offered at Providence

3 Semester Credits

**ENTR2030 Pitching & Planning New Ventures**

This course teaches students how to develop and present a business plan to pursue the opportunities they identified in ENTR2001 or ENTR2005. Students conduct a business plan canvas to gather information and validate their ideas. Students utilize a web-based business-planning platform to help them organize and format their plans in a professional manner. Students prepare an executive summary, a 30-second elevator pitch and short presentation to "sell" their business concept to investors.

Prerequisite(s): ENTR2001 or ENTR2005.

Offered at Charlotte, Online, Providence

3 Semester Credits



### **ENTR3015 Small Business Management**

This course helps students put their business ideas into action by developing an operations plan and project schedule for new and existing small business owners. Classroom study focuses on the foundational aspects of running a new or existing small business, looking at operational, legal, risk management, and human resource issues throughout the start-up phase and the first few years of a business. Finance and Marketing issues are briefly addressed but will be studied in-depth in other courses. Project work focuses on drafting a project plan, and classroom learning is incorporated into the plan. Case studies that highlight the various challenges faced by new and existing small businesses are analyzed and discussed and creative problem solving is encouraged.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENTR3025 Growth and Sustainability for Small Business**

This course covers the different methods emerging companies use to expand nationally and internationally. Emphasis is on the use of each strategy to accomplish growth and sustainability objectives and initiatives. Topics include methods for growing an emerging company, evaluating franchising systems, expansion tactics for small and large corporations, careers in emerging companies, and financing the expansion of a company. This course is relevant for any student interested in working as a change agent in an established company or starting and/or expanding his or her own company.

Prerequisite(s): ENTR2030 or ENTR3015.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENTR3030 Marketing for Entrepreneurs**

This course teaches future entrepreneurs how to market products and services effectively with limited resources. Entrepreneurs need to market to all constituents including customers, suppliers, lenders/investors and the community in which they operate. Students learn to interview potential customers, select their target market, construct basic web sites and social media pages and analyze marketing results. Special focus is placed on helping entrepreneurs build their brand.

Prerequisite(s): ENTR2030 or ENTR3015.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENTR3060 Financing New Ventures**

This course covers the financing of new business ventures. In this course students develop the financial portion of a business plan to include revenue estimates, expense projections, and an evaluation of their break-even point. Students construct professional Pro-Forma financial documents including the Income Statement, Balance Sheet, and projected cash flows. This is followed by a comparison of debt and equity financing options. Upon evaluation of the alternatives students recommend a financing plan for their business.

Prerequisite(s): ENTR2030.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENTR3120 Small Business Management — Cannabis Operations**

This course helps students put their cannabis business ideas into action by developing an operations plan and project schedule for new and evolving businesses. Classroom study focuses on the foundational aspects of running a new or evolving small business, looking at operational, legal, financial risk management, and human resource issues throughout the startup phase and the first few years of a new business in an emerging industry. Cannabis industry specific issues pertaining to finance and marketing are addressed and studied in-depth. Semester project work focuses on drafting a cannabis centered business plan, and classroom learning incrementally incorporates current cannabis industry issues into the plan. Case studies that highlight the various challenges faced by new and evolving small cannabis businesses are analyzed and discussed and creative problem solving is guided by the instructor.

Prerequisite(s): ENTR2005.

Offered at Providence

3 Semester Credits

### **ENTR4010 Change and Innovation Management**

This course explores the process of change and innovation as it relates to the development and implementation of knowledge to improve organizational competencies and enhance business performance. Change, both incremental and disruptive, is related to innovation through the analysis of its effect on the organization's ecosystem to include its customers, employees, suppliers, etc. Topics include knowledge as a meaningful resource and competitive advantage; the innovation gate process; the difference between a knowledge creation organization and an information processing one; change as an instrument of innovation; and the various concepts and strategies of change to include Lewin's Three Step Theory, Lippett's Phases of Change Theory and the Disruptive Innovation Theory.

Prerequisite(s): ENTR2030 or ENTR3015.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ENTR4055 Entrepreneurship Seminar**

In this Entrepreneurship capstone course, students are required to synthesize knowledge gained from previous coursework to finalize their business plan and prepare to launch their businesses. Students finalize their business plans, prepare to pursue financing for the businesses, and either launch their business, create an MVP (Minimally Viable Product) of their business, or run a meaningful market test in this course. It is a hands-on, action-focused course that enables students to make final preparations to launch their business upon graduation.

Prerequisite(s): ENTR2030 or ENTR3015 or ENTR3060.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **Equine (EQN) Courses**

### **EQN1001 Introduction to Equine Studies**

This course covers a wide range of topics important to the fundamental understanding of the horse industry. Topics include the evolution, history and development of the horse; modern breeds and their current uses in sport; and equine identification. The roles of the psychology of the horse, learning theory, and equine behavior as they relate to the ethical training of the horse are explored. Students identify their personal and professional goals as they relate to careers in the equine industry.

Prerequisite(s): Corequisite: EQN1006.

Offered at Providence

3 Semester Credits

### **EQN1006 Introduction to Equine Studies Laboratory**

This laboratory companion course, coordinated with EQN1001, develops skills in barn management, including barn safety, basic horse handling and care, feeding practices, grooming, stall maintenance, waste management, and taking vital signs. Managerial skills in organizing and developing horse care schedules and records are explored. Students observe learning theories, how horses learn, and ethical training methods to shape horse behavior and performance in relation to stabled horses. Students work at a variety of off-campus sites during this course.

Prerequisite(s): Corequisite: EQN1001.

Offered at Providence

1 Semester Credit

### **EQN1030 Equine Anatomy and Physiology**

This course examines the structure and functions of the horse's body. Anatomy and physiology of cell, tissue, organ and systemic body structures are explored. Emphasis is placed on the musculoskeletal, respiratory, circulatory, endocrine, immune, digestive and urinary systems. Exercise physiology and the scientific conditioning of the horse for sports activities are studied with particular attention to sports medicine and the prevention of stress and injury of equine athletes.

Offered at Providence

3 Semester Credits

### **EQN1410 Collegiate Horseback Riding**

This course allows students to learn the fundamental skills and improve upon existing skills in the student's chosen horseback riding discipline, according to individual interest or background. The course consists of a minimum of 15 weekly horseback riding lessons at an approved/partner facility within the semester with concurrent registration in this course. Students choose from partner facilities offered through the Experiential Education and Career Services online platform and are responsible for fees paid to the partner for services. Weekly journals and reading are available on the ulearn course page. Through reflective assignments, students gain insight regarding their own riding.

Offered at Providence

1 Semester Credit

### **EQN2000 Equine Diseases and Conditions**

This course develops knowledge of the common diseases and disorders of the horse. Identification of disease-producing organisms, signs of illness along with knowledge of vaccination and common disease prevention schedules prepare the student to recognize and prevent health problems. Common pharmaceuticals, emergency health care, parasitology and anthelmintic programs are studied.

Prerequisite(s): EQN1030 or (EQN2020 and EQN2025).

Offered at Providence

3 Semester Credits

### **EQN2001 Foundations of Horsemanship and Riding Theory**

This course studies the history and development of horsemanship and classical modern riding theories. The early domestication and utilization of the horse is studied along with the development of horsemanship and riding theory from Xenophon through Caprilli. Modern classical horsemanship is studied including the biomechanics of the rider in a variety of disciplines. Competition regulations from the U.S. Equestrian Federation are discussed.

Prerequisite(s): EQN1001.

Offered at Providence

3 Semester Credits

### **EQN2030 Equine Lameness and Sports Therapy Laboratory**

This laboratory course introduces students to techniques and equipment used in assessing equine soundness and to methods and modalities of first aid, lameness management, and injury prevention. Skills essential to prevention, recognition and treatment of common unsoundness and blemishes are introduced and applied. Students practice lameness recognition and assessment as well as equine first aid techniques. Current therapeutic modalities are explored through demonstrations and discussions.

Prerequisite(s): EQN1030.

Offered at Providence

1 Semester Credit

### **EQN3001 Methods of Horseback Riding Instruction**

This course prepares students to teach beginner and intermediate riders. Topics of discussion include the selection of school horses, qualities of an instructor, control of the ride, rider and horse safety, and constructing lesson plans. Topics cover flat and jumping lessons. Students develop lesson plans for various levels of riders and implement these plans with practice teaching sessions. The role of therapeutic riding in the equine industry is discussed. Students further develop observational and critical thinking skills by attending relevant clinics.

Prerequisite(s): EQN2001.

Offered at Providence

3 Semester Credits

### **EQN3010 Equine Reproduction and Genetics**

This course is an advanced-level course in equine reproductive physiology and breeding management. Topics include the anatomy and physiology of the stallion's and mare's reproductive systems, conception, gestation, the birth process and care of the healthy and compromised neonatal foal. Techniques in artificial insemination, semen shipment and embryo transfer are studied. Field trips enable students to observe breeding and management techniques at selected farms and specialty reproduction veterinary clinics. Genetic inheritance of coat color and abnormalities pertinent to the horse breeding industry are studied.

Offered at Providence

3 Semester Credits

### **EQN3025 Equine Nutrition**

This course studies the science and art of feeding horses. Digestive anatomy and physiology are discussed and dietary requirements of both healthy and compromised horses analyzed. Hay evaluation, types of concentrates and by-product feeds are discussed. Students produce a ration formulation project for horses with various nutrient requirements.

Prerequisite(s): (EQN1001, EQN2020, EQN2025) or EQN1030.

Offered at Providence

3 Semester Credits

### **EQN3030 Equine Competition Management and Course Design**

This course covers the management of horse shows from selection of sites and types of shows to implementation of the general rules as outlined in the United States Equestrian Federation (USEF) Rule Book. Students develop a management plan for a competition from a division in the USEF Rule Book and actively participate in running a show, including facility preparation, development of a prize list, scheduling, scoring, and running a dressage and jumping competition. Weekend laboratories are scheduled to assist at competitions.

Offered at Providence

3 Semester Credits

### **EQN3040 Sport Horse Evaluation and Judging**

This course covers the relationship of form to function in the horse. Judging sport horses in hand with respect to conformation and movement is a major area of concentration. A competitive judging format is utilized to place classes of horses and provide written justifications. Performance horse judging emphasizes the basic gaits of the dressage horse and analysis of jumping technique. Ethical business practices of horse sales are discussed.

Prerequisite(s): (EQN1020, EQN1025, EQN2000) or EQN1030.

Offered at Providence

3 Semester Credits

### **EQN3280 Introduction to Equine-Assisted Services**

This course introduces students to the concepts and practices of Equine-Assisted Services (EAS). The history of the use of equines for therapeutic purposes is explored and current studies performed within the industry are examined. Ethics and confidentiality as well as standards for a variety of equine therapeutic programs and instructors are discussed. Volunteering and observing classes at a therapeutic riding, hippotherapy and/or equine facilitated learning center throughout the course provide students with firsthand experience and insight into the field of therapeutic horsemanship.

Offered at Providence

3 Semester Credits

### **EQN3290 Application of Equine-Assisted Services**

This course focuses on concepts and skills essential to teaching individuals with disabilities in professional Equine-Assisted Services (EAS) programming. Students explore teaching techniques and strategies based on the content learned in Introduction to EAS. Students create detailed lesson plans and assessment forms. The selection of therapy horses and equipment is examined and facility, volunteer and risk management are discussed. Students gain experience by observing therapeutic sessions and volunteering at therapeutic riding, hippotherapy and/or equine facilitated learning centers throughout the course.

Prerequisite(s): EQN3280.

Offered at Providence

3 Semester Credits

### **EQN3350 Equine Facility Design and Operation Management**

This course covers a wide range of topics important to developing and managing an equine facility and maintaining a horse herd. Equestrian facility designs are analyzed and developed for efficient layout. Students create an operations plan based on the facility designed. The relationship between facility design, management practices, and their impact on environmental issues is explored.

Prerequisite(s): EQN2000.

Offered at Providence

3 Semester Credits

### **EQN4050 Horse Farm Management and Business Planning**

This course emphasizes the business aspects of managing a horse farm and includes such topics as personnel, contracts, taxes, insurance, marketing and record-keeping. Horse equipment and services are discussed as they relate to management efficiency and environmental sustainability. Students participate in an extensive individual project on the development of an equine business plan.

Prerequisite(s): EQN3350, FIT1040.

Offered at Providence

3 Semester Credits

### **EQN4087 Equine International Experience**

This course is designed to allow students to pursue advanced work in the equestrian discipline in an international setting. Students study at a selected host equestrian center in Germany to develop their riding skills using the world-renowned German Training System. Students develop skills in dressage, stadium jumping, cross-country jumping and training techniques depending on the specialty of the host site. Currently, students have studied at the German Riding School in Warendorf, Germany and the Westphalian Riding School in Münster, Germany. Students studying in Münster are eligible to take the small and large bronze medal examinations upon completion of their studies. Students also visit training farms and observe Olympic-level riders and trainers. Site visits to other equestrian venues may include CDI and CSI shows, stallion parades, auction and breeding farms. Students should be riding at first-level dressage prior to application to this program.

Offered at Providence

3 Semester Credits

### **EQN4115 Special Topics in Equine Studies I**

This course is designed to allow students to pursue advanced work in specialized equine studies topics, such as advanced teaching techniques, and advanced stable management strategies. The course may be a practical application of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.

Prerequisite(s): Permission of department chair.

Offered at Providence

1 Semester Credit

### **EQN4145 Special Topics in Equine Studies II**

This course is designed to allow students to pursue advanced work in specialized equine studies topics; examples of potential topics: Advanced Teaching Techniques, Veterinary Techniques, and Advanced Stable Management Strategies. The course may be a combination of practical applications of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.

Prerequisite(s): Permission of department chair.

Offered at Providence

3 Semester Credits

### **EQN4215 Special Topics in Equine Studies III**

This course is designed to allow students to pursue advanced work in specialized equine studies topics; examples of potential topics: Advanced Teaching Techniques, Veterinary Techniques, and Advanced Stable Management Strategies. The course may be a combination of practical applications of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.

Prerequisite(s): Permission of department chair.

Offered at Providence

1 Semester Credit

### **EQN4310 Equine Industry Experience**

This course exposes students to the diversified disciplines within the equine industry and equine-related professional specialties by visiting a region with a strong horse industry and experiencing it firsthand. Through direct contact with different aspects of the equine industry in a global setting, students develop goals that guide their future career paths in the equine industry. The course maximizes student potential by enriching them academically with experiential and work-integrated learning. This trip promotes global citizenship, community engagement and networking through exposure to many international aspects of the equine industry.

Prerequisite(s): Acceptance into Study Abroad program.

Offered at Providence

1 Semester Credit

### **EQN4410 Equine Behavior and Training**

This course develops an understanding on equine ethology and ethical trainings techniques. Students study the effects of anthropomorphism, non-associative learning, and associative learning and how these topics influence horse behavior and training. The scientific principles of equitation science and their influence on horse well-being and biomechanics during training are explored. Observation of training principles takes place on field trips.

Offered at Providence

3 Semester Credits

## **Event (EVNT) Courses**

### **EVNT1001 Introduction to Event Management**

This course introduces students to the event management field. The historical development and organizational structure of the event industry are discussed. Focus is on acquiring knowledge pertaining to the breadth and depth of the event industry including social life cycle events, corporate, private and nonprofit. The course is also designed to provide first-year and transfer students in the Event Management program educational experiences and information about university resources and academic tools available to them that will help support academic success at JWU.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **EVNT2020 The Business of Event Management**

This course introduces students to the methods utilized in researching, planning, organizing and delivering sustainable major events. The roles of global events in sub-fields such as sports, tourism, entertainment, celebrations, civic and hallmark events are also explored.

Prerequisite(s): BUS1001 or EVNT1001 or FSM1001 or HOSP1001 or SEE1001 or SPM1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **EVNT2210 Event Technology & Access Management**

This course investigates the new and emerging trends in event technology and access management. Students explore the event technology that helps planners complete tasks pertaining to their work as event organizers. Types of event technology include, but are not limited to, event management software, mobile event apps, credentialing, ticketing software and event analytics. The role technology plays in event access management to provide the attendees with a safe and secured event is also explored.

Prerequisite(s): EVNT1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **EVNT3005 The Business of Meeting Management**

Meeting management is a significant branch of the event industry. This course investigates the importance of researching, planning, promoting, executing and evaluating for-profit and nonprofit meetings and conventions. This course examines the necessary business, content development, budgeting, contracts, marketing, public relations, transportation, and management skills needed to produce effective events within the meeting industry. Students explore the process of obtaining, building and retaining internal and external stakeholders necessary to meeting overall company goals and objectives. Additionally, the course examines the future of meetings and career opportunities.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **EVNT3030 Fairs and Festivals**

Fairs and festivals are significant recurring hallmark community events that become synonymous with a destination. Fairs and festivals represent tradition, image and attractiveness to a town, city or region. This course investigates the importance of fairs and festivals to local culture and arts, economic development, sociocultural and environmental outcomes and stakeholder relationships. This course examines the unique event planning aspects to meet stakeholder and community goals in the global marketplace. Additionally the course examines future trends in the fair and festival industry.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **EVNT3050 Global Mega Events**

This course explores the lure of hosting mega events and examines the bidding process, the involvement of governing bodies, and the plan for legacy and leveraging of the host nation. Students are exposed to the political, economic, sociocultural and environmental impact associated with hosting a large-scale event. Events such as the Olympic Games, the World Cups, World Expos, bicentennials, global music festivals, concerts and other civic and hallmark events are analyzed. The culmination of the course is a trip to an international destination where students engage with key stakeholders from the host nation.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

### **EVNT3220 Sales and Business Development**

This course examines the sales strategies used to leverage relationships and satisfy the needs of the consumer in the event management industry. Emphasis is placed on the integration of relationship-centric best practices in the design of an event in the areas of human resources, supply chain and client needs. Additionally, the importance of developing an internal culture of business development and relationships are explored.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **EVNT4025 Event Sustainability**

This course examines sustainability issues and standards as they relate to the events industry. Students analyze current environmental, social and economic practices within the events industry. Students design effective sustainability plans to integrate into a public or private event. Students develop impactful sustainable practices and analyze the proposed solutions within the various segments of the event industry. Corporate social responsibility and the impact of sustainability on international events are discussed.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **EVNT4110 Advanced Event Production: Special Events**

This advanced course is designed to explore the complex area of event management. This class analyzes large scale events and their impact on a global media audience. The course provides students with a basis for using research as a tool to organize and plan a special events project. This class works toward the understanding of practicing and executing the elements of successful project management and logistics. This is a project-based course and requires the execution of a successful event.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **EVNT4120 Advanced Event Production: Trade Show**

This advanced course is designed to explore the complex area of event management. The course provides students with a basis for using research as a tool to organize and plan a trade show. This class works toward the understanding of practicing and executing the elements of successful project management and logistics. This is a project-based course and requires the execution of a successful trade show event.

Prerequisite(s): Junior status.

Offered at Providence

3 Semester Credits

### **EVNT4130 Advanced Event Production: Concert**

This advanced course is designed to explore the complex area of event management. The course provides students with a basis for using research as a tool to organize and plan a concert. This class works toward the understanding of practicing and executing the elements of successful project management and logistics. This is a project-based course and requires the execution of a successful concert event.

Prerequisite(s): Junior status.

Offered at Providence

3 Semester Credits

### **EVNT4250 Contemporary Issues in Event Management**

This course examines the operational and strategic issues in the event management industry through directed case studies, round-table discussions and industry-related readings. Students critically evaluate case studies exploring topics related to event management in areas of event strategy, financial management, event operations, stakeholder development, event design, marketing, and other event topics.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **Exercise and Sports Science (ESS) Courses**

### **ESS2010 Kinesiology**

This course provides an introduction to the structure and function of the human body. It is designed to be a first course for exercise and sports science majors and to provide a foundation for more advanced courses. Topics include the neuromusculoskeletal, cardiovascular, pulmonary, gastrointestinal and genitourinary systems. This course emphasizes the study of human posture and movement, specifically focusing upon the musculoskeletal system and dynamics of stability and mobility.

Prerequisite(s): Corequisite: ESS2015.

Offered at Charlotte, Providence

3 Semester Credits

### **ESS2015 Kinesiology Laboratory**

This is a laboratory companion course coordinated with Kinesiology (ESS2010) that introduces students to techniques and equipment used in kinesiology. Students take an inquiry-based, self-guided learning approach to the discovery of the structure and function of the human body with emphasis on the neuromusculoskeletal, cardiovascular, pulmonary, gastrointestinal and genitourinary systems. This lab emphasizes the study of human posture and movement, specifically focusing upon the musculoskeletal system and dynamics of stability and mobility. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.

Prerequisite(s): Corequisite: ESS2010.

Offered at Charlotte, Providence

1 Semester Credit

### **ESS2320 Exercise Physiology**

This course examines the human body's physiological response to acute physical activity and its adaptations to chronic exercise training. The course addresses how major body systems, including nervous, endocrine, cardiovascular, respiratory, skeletal and muscular, function in cooperation with energy production to support physical activity and exercise. Also included is the role of exercise in maintaining a healthy body composition and weight, and how physical activity and exercise act to improve physical fitness and overall health and wellness over the long term.

Prerequisite(s): BIO1011, BIO1016, BIO1022, BIO1026.

Offered at Charlotte, Providence

3 Semester Credits

### **ESS3010 Exercise Assessment and Prescription**

This lecture and accompanying laboratory course introduces the concepts of health screening and various types of exercise and fitness assessments needed to implement short- and long-term fitness programs for healthy populations. Many of the concepts and topics in this course help to prepare students to take the American College of Sports Medicine (ACSM)'s Certified Exercise Physiologist (EP-C) Exam, but this is NOT considered to be a preparation class for that exam.

Prerequisite(s): ESS2010, ESS2015, ESS2320, Corequisite: ESS3015.

Offered at Charlotte, Providence

3 Semester Credits

### **ESS3015 Exercise Assessment and Prescription Laboratory**

This is a laboratory companion course coordinated with ESS3010 Exercise Assessment and Prescription. Students conduct and interpret clinical and field assessments in the areas of health screening, body composition, cardiorespiratory fitness, muscular fitness and flexibility. Students in the class serve as subjects for other class members in order to facilitate learning.

Prerequisite(s): ESS2010, ESS2015, ESS2320, Corequisite: ESS3010.

Offered at Charlotte, Providence

1 Semester Credit

**ESS4010 Human Performance**

This course and its accompanying laboratory component explore the theory and practice of human performance. The course is designed to provide a comprehensive overview of the principles of human performance. Emphasis is placed on the human body's reaction to advanced training methods, exercise technique, program design, and testing and evaluation. Students also explore the principles of supervising a safe training environment according to National Strength & Conditioning Association (NSCA) guidelines. Many of the concepts and topics covered in this course help to prepare students to take the NSCA's Certified Strength & Conditioning Specialist (CSCS) exam, but this is NOT considered to be a preparation class for that exam.

Prerequisite(s): DIET2020, ESS3010, ESS3015, Corequisite: ESS4015.

Offered at Charlotte, Providence

3 Semester Credits

**ESS4015 Human Performance Laboratory**

This is a laboratory companion course coordinated with ESS4010 Human Performance. Students learn and practice techniques and coaching instruction for resistance training, plyometric, speed mechanics, aerobic and nontraditional exercises for human performance. Students conduct and interpret various methods to analyze sport performance, including timing gates, video analysis, and the use of GPS technology. Students in the class serve as subjects for other class members in order to facilitate learning. Students also explore the principles of supervising a safe training environment according to National Strength & Conditioning Association (NSCA) guidelines. Many of the concepts and topics covered in this course help to prepare students to take the NSCA's Certified Strength & Conditioning Specialist (CSCS) exam, but this is NOT considered to be a preparation class for that exam.

Prerequisite(s): DIET2020, ESS3010, ESS3015, Corequisite: ESS4010.

Offered at Charlotte, Providence

1 Semester Credit

**ESS4030 Exercise for Special Populations**

This course builds on the skills learned in Exercise Assessment and Prescription and extends those skills to meet the needs of populations across the lifespan and individuals with controlled cardiovascular, pulmonary, metabolic and other disorders. This course provides practical information on exercise for persons with a wide range of special diseases and disabilities. An overview of each unique condition, effects of the condition on the exercise response, effects of exercise training on the condition, and recommendations for exercise testing and programming are presented in a selected topics format.

Prerequisite(s): ESS3010, ESS3015.

Offered at Charlotte, Providence

3 Semester Credits

## Finance (FISV) Courses

**FISV2000 Finance**

This course is an introduction to the fundamental principles of finance, with a focus on financial statement analysis and decision making. The course encourages active learning through cases, class discussion and problem-solving. Students use traditional financial statements as well as managerial financial reports for use in learning essential decision-making processes. Major topics include financial statement analysis, fundamentals of risk and return, time value of money, various budgeting models, and alternative forms of financing. Excel and other decision support tools are used extensively throughout this course.

Prerequisite(s): ACCT1210 or ACCT2150, FIT1040 (or concurrent).

Offered at Charlotte, Online, Providence

3 Semester Credits

**FISV2140 Financial Markets and Institutions**

The purpose of this course is to provide the student with knowledge of a broad range of topics related to financial markets, capital markets, the nature and functions of money and credit, the role of monetary policy, and the role and functions of financial institutions. This course emphasizes the factors and key ratios in analyzing financial institutions, including the CAMELS approach. Types and functions of markets and institutions of today are discussed, along with their differences. Money creation, the demand for money and the relation of money to inflation and financial flows, the role and functions of financial institutions, and consumer financing and business capitalization are each examined. This course emphasizes the changing role of competitive financial institutions, the effects of these changes on the flow of funds, and the Federal Reserve System's monetary policy implementation to regulate and control money and financial institutions. Real-world examples are used to focus student learning to applications of theory and consequential economic impacts both nationally and internationally.

Prerequisite(s): ECON1001, FISV2000.

Offered at Online, Providence

3 Semester Credits

**FISV3001 Investments**

This course introduces students to investing and financial planning. Topics include the nature of capital markets and the roles that investment companies play between the investor and the corporation. Different asset classes, including equities and bonds, are covered. The role of the financial planning process, taxes and regulations are also considered.

Prerequisite(s): FISV2000.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FISV3005 International Finance**

This course provides students with an overview of international banking and finance. Topics include the international dimensions of finance, foreign exchange rates, international sources of funds, international banking regulations, and the contrasts between European, Asian and American banking.

Prerequisite(s): ACCT1210.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FISV3010 Credit Risk Analysis and Management**

This course examines the role of credit and analyzes its impact on the economic and social environments. Both consumer credit and business credit are studied in-depth, with emphasis placed on sources and uses of credit, credit reporting and credit analysis.

Prerequisite(s): ACCT1210.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FISV3015 Fundamentals of Financial Planning**

This course introduces students to the financial planning process, client/planner interactions and personal financial statements development and assessment. Topics include cash flow and debt management, education planning, planning elements of risk management, investment planning and retirement planning. This course is specifically of interest to those students who wish to pursue careers as financial planners.

Prerequisite(s): FISV2000.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FISV3080 Financial Statement Analysis**

This course includes the analysis and interpretation of external financial statements for various business entities as seen through the eyes of professional investors and creditors. The course explores various analytical techniques including comparative financial statement, trend and ratio analyses.

Prerequisite(s): ACCT2210, FISV2000.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FISV3199 Experiential Education Projects in Financial Modeling and Valuation**

This course provides students with the skills and knowledge required to be successful in today's fast-paced and highly regulated financial environment. In this course, students develop a comprehensive three-statement financial and valuation model using various supporting schedules. Students complete advanced Excel, financial modeling and valuation training. Students develop leadership and collaborative abilities and refine critical thinking, problem-solving and active citizenship skills. The course culminates in a formal presentation. This course uses experiential learning as a primary method of achieving the course objectives.

Prerequisite(s): FISV3001.

Offered at Online, Providence

3 Semester Credits

**FISV4020 Risk Management and Insurance**

This course provides an understanding of the procedures and concepts of risk management as a precedent to the study of insurance, which is an important tool in risk management. The balanced treatment of both risk management and insurance provides a broad introduction to the field. Students learn risk identification, analysis, measurement, control and financing, and study insurance markets, functions, coverage and benefits.

Prerequisite(s): ACCT1210.

Offered at Online, Providence

3 Semester Credits

**FISV4025 Corporate Finance**

This course expands on previous finance courses by introducing more advanced topics, including capital structure, working capital management, capital budgeting and forecasting. Additional topics include operating and financial leverage, working capital management, capital budgeting, leasing and long-term financing.

Prerequisite(s): ACCT2210, FISV2000.

Offered at Online, Providence

3 Semester Credits

**FISV4030 Real Estate**

This course is designed for students seeking a clear presentation of the numerous investment decisions involved in real estate. Topics include how to lease, buy, sell or mortgage a property; how to analyze and predict the forces in the market and determine real estate values; whether and when to renovate, rehabilitate or demolish; and when and how to divest of property.

Prerequisite(s): FISV2000, junior status.

Offered at Online, Providence

3 Semester Credits

**FISV4040 Futures and Options**

This course includes a thorough foundation of options, futures, swaps, and other derivative securities. Topics include theoretical and normative pricing methods as well as the use of derivatives in portfolio and corporate risk management.

Prerequisite(s): FISV3001, MATH2001.

Offered at Providence

3 Semester Credits

**FISV4050 Portfolio Management and Analysis**

This course includes a thorough foundation in the process of portfolio management, from individual security evaluation to broad asset allocation decision making. Topics covered include the portfolio management process including asset allocation, benchmarking, evaluation and reporting, as well as the manner in which trading takes place. An analysis of alternative assets is also explored including real estate, investment companies, private equity and venture capital, hedge funds, closely-held securities, distressed securities, tangible assets, commodities and derivatives.

Prerequisite(s): FISV3001, MATH2001.

Offered at Providence

3 Semester Credits

**FISV4060 Fixed Income Analysis**

This course includes the analysis of fixed income securities and all securities whose valuation and hedging are related to interest rates. Topics include the bond market and its various instruments including U.S. treasuries, corporate bonds, mortgage-backed securities and emerging market bonds. The course also covers bond portfolio management techniques such as interest rate forecasting, yield curve anticipation and security selection. This course is appropriate for students interested in financial analyst careers.

Prerequisite(s): FISV3001.

Offered at Providence

3 Semester Credits

**FISV4080 Finance Seminar**

This course gives students the opportunity to analyze and report on contemporary issues in finance using knowledge obtained through previous finance and related course work. Case work and simulation software is used extensively throughout the course to allow students to incorporate various financial concepts and techniques in making financial decisions.

Prerequisite(s): ACCT2210, FISV2140, FISV3001, FISV4025, senior status.

Offered at Online, Providence

3 Semester Credits

**FISV5410 Personal Financial Planning**

This course introduces students to comprehensive personal financial planning, which is the process of designing, implementing and monitoring financial decisions that help an individual or family accomplish their financial objectives.

Offered at Online, Providence

3 Semester Credits

**FISV5420 Estate Planning**

This course focuses on the efficient conservation and transfer of wealth, consistent with the client's goals. It is a study of the legal, tax, financial and non-financial aspects of this process, covering topics such as trusts, wills, probate, advanced directives, charitable giving, wealth transfers and related taxes. The course explores the taxation of gifts, estates and generation skipping transfers, and includes the calculation of the gift tax, estate tax and generation skipping transfer tax in consideration of applicable exclusions and deductions. Students are exposed to estate planning techniques such as lifetime transfers and gifting, charitable gifting, the utilization of trusts and partnerships, and postmortem planning. The course emphasizes solving a client's estate planning problems by providing students with the tools to develop practical strategies that focus on a client's goals and objectives and apply current tax law to develop an effective estate plan.

Prerequisite(s): FISV5410.

Offered at Online, Providence

3 Semester Credits

**FISV5430 Principles of Risk and Insurance**

This course explores the financial risks that individuals and businesses face and how they can manage these risks, including the utilization of insurance solutions. Students are exposed to the purpose, structure and coverage options of the following types of insurance: health, disability, long-term care, life, property and casualty, and more. This course also reviews the taxation of insurance benefits and how taxation should affect a financial planner's decision to recommend insurance solutions under certain circumstances. After completing the course, students are able to determine a client's risk exposure and develop a comprehensive insurance and risk management plan for the client based on the client's goals and objectives.

Prerequisite(s): FISV5410.

Offered at Online, Providence

3 Semester Credits

### **FISV5440 Retirement Planning**

This course explores the nature and function of retirement plans and surveys the more common employee benefits presently offered by companies. The course outlines the various retirement plans available, including government and private plans, pension plans, individual retirement accounts, and other qualified and non-qualified retirement plans. Students learn to determine a client's eligibility to participate in a retirement plan, calculate a client's tax deductible contribution limits, and calculate the taxation of retirement plan benefits upon distribution. The course includes a complete needs analysis to determine a client's expected monetary needs and the associated cash flow required in a client's retirement years. Students recommend an appropriate plan of action including retirement plan options that achieve the client's goals and objectives and complement the client's comprehensive financial plan. Prerequisite(s): FISV5410.

Offered at Online, Providence

3 Semester Credits

### **FISV5600 Financial Management**

This course provides the student with sufficient analytical skills to interpret and act upon financial data and information that lead to sound financial decisions for business organizations. Topics include the time value of money, capital budgeting methods, financial statement analysis, breakeven analysis, short and long term financing methods, and topics in international financial management. Contemporary financial management techniques are discussed throughout the course.

Prerequisite(s): ACCT5000 or EMGT5020 or FISV5000.

Offered at Online, Providence

3 Semester Credits

### **FISV5720 Financial Reporting and Control**

This course offers students a practical approach to understanding financial reporting. Students learn the requirements of generally accepted accounting principles in financial statement preparations by researching and analyzing publicly traded companies. Emphasis is placed on how the financial statements translate into stock prices and how they can be used as a barometer of a company's financial position. Students explore how companies in trouble can benefit from implanted controls, via the financial reporting process, to ensure earlier and better insight in making difficult decisions.

Prerequisite(s): FISV5600.

Offered at Online, Providence

3 Semester Credits

### **FISV6050 Strategic Financial Planning**

This course offers students a practical approach to understanding the budgeting process. Students are exposed to the complete cycle of budgeting, from understanding the strategic plan that initiates the budget process to auditing the results. Students see the interrelating components of the operational budget to the capital budget and how these build to the cash flow budget. Students are able to translate the cash flow necessary to support the strategic plan to financing requirements that need to be met by banking or other sources. Students apply research techniques in coordinating a comprehensive strategic plan with a particular industry.

Prerequisite(s): EMGT5020 or FISV5720.

Offered at Online, Providence

3 Semester Credits

### **FISV6056 Fundamentals of Investment and Portfolio Management**

This course introduces student to the fundamentals of investment and portfolio management. It focuses the student's attention on the impact that asset diversification has on expected portfolio outcomes. Students should complete the course with a thorough understanding of most investment vehicles and how they can be used in varying weights to influence the short and long-term returns of an investment portfolio. Students apply the basic tenets of FISV5600 by applying ratio analysis in the course of investment decision-making. Upon completion of the course, students are better prepared to make prudent investment decisions in both their professional careers as well as their own personal financial planning.

Prerequisite(s): FISV5600.

Offered at Online, Providence

3 Semester Credits

### **FISV6410 Equity Analysis**

This course covers several valuation techniques used in equity investment analysis. Equity (i.e., stocks) typically comprises the largest asset class in a majority of individual and institutional portfolios. Topics include the various types of analytical tools used to value equity securities, along with their respective strengths and weaknesses. In addition, students gain perspective on when to choose the best technique as well as private company valuation methodologies. This course is appropriate for students interested in becoming a portfolio manager or investment analyst on the institutional or consumer side of the financial services industry.

Prerequisite(s): FISV6056.

Offered at Providence

3 Semester Credits

### **FISV6420 Bond Market Analysis**

This course covers the bond market as well as other fixed income securities. Bonds are a pivotal asset class in institutional and individual investing. Topics include the various types of fixed income securities, including government debt, corporate debt, and securitized debt such as mortgage-backed securities and international bonds. The course covers various valuation and portfolio management methodologies. This course is appropriate for students interested in becoming a portfolio manager or investment analyst on the institutional or consumer side of the financial services industry.

Prerequisite(s): FISV6056.

Offered at Providence

3 Semester Credits

### **FISV6430 Applied Behavioral Finance**

This course is an applied behavioral finance course examining the intersection of behavioral finance, financial therapy, and personal financial planning theory, practice and research. It reviews the research on behavioral finance and investor psychology, exploring the effects of human emotions and cognitive errors on financial decisions. This course focuses on the application of behavioral finance theory and research to the practice of financial therapy to help professionals improve the financial health of their clients.

Prerequisite(s): FISV5410.

Offered at Online, Providence

3 Semester Credits

### **FISV6450 Derivatives and Risk Management**

This course reviews various types of derivatives such as options, forward contracts, futures contracts and swaps. Topics include the use of derivatives as risk management tools on an investment institutional level as well as the analysis of various derivative pricing models.

Prerequisite(s): FISV6056.

Offered at Providence

3 Semester Credits

### **FISV6490 Institutional Portfolio Management**

This course presents the ways investment management firms build and manage portfolios for their clients. The process of portfolio management is studied in detail, from the nuances of individual security selection to asset allocation decisions made across a broad range of investment choices. Specific topics include asset allocation, benchmarking, trading and regulatory reporting.

Prerequisite(s): FISV6056.

Offered at Online, Providence

3 Semester Credits

## **First-Year Seminar (FYS) Courses**

### **FYS1010 First-Year Seminar - University Explorations**

The course encourages first-year college students to strengthen the connection between self-exploration, active classroom engagement, and understanding larger educational and global communities. This explorations seminar also encourages and allows students to identify their natural talents and skills while focusing on academic goals and potential career aspirations. Students connect with the educational and campus community through academic and co-curricular pursuits. By gaining these experiences, students enhance their intellectual and emotional growth. Finally, students are guided to institutional resources that are targeted to maximize both academic and personal growth.

Offered at Providence

1 Semester Credit

### **FYS1020 First-Year Seminar**

This course encourages all first-year students to strengthen the connection between self-exploration and the transition to college while actively participating in the classroom and engaging with the larger JWU community. Identifying and developing their natural talents and skills helps students launch their undergraduate experience. Strategies to enhance personal health and wellness practices are presented so students can become engaged with the diverse and inclusive population at JWU. Students connect with the academic and campus community as they learn about institutional resources and self-select from a variety of co-curricular activities that reinforce course content.

Offered at Charlotte, Providence

1 Semester Credit

### **FYS1025 First-Year Seminar**

This course encourages first-year students to strengthen the connection between self-exploration and the transition to college while actively participating in the classroom and engaging with the larger JWU community. Identifying and developing their natural talents and skills helps students launch their undergraduate experience. Strategies to enhance personal health and wellness practices are presented so students can become engaged with the diverse and inclusive population at JWU. Students connect with the academic and campus community as they learn about institutional resources and self-select from a variety of co-curricular activities that reinforce course content.

Prerequisite(s): The prerequisite for this course is that students did not successfully complete the on-ground version of FYS1020 in the previous semester and are retaking the course to meet the 1-credit requirement. This course allows for transfer credits for those with 30+ credits.

Offered at Charlotte, Providence

1 Semester Credit

## **Food Service Management (FSM) Courses**

### **FSM1001 Introduction to the Food & Beverage Industry**

This introductory course examines career opportunities, organizational structures, history, and front- and back-of-the-house operations in the food service industry. Specific segments are also examined in commercial, industrial and institutional areas of food service.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **FSM1165 The Food Safety Manager**

Students explore food safety and environmental sanitation through the lens of the person in charge, identify the origins of food contamination and recognize proper food safety practices used to keep food safe during the flow of food from vendor to consumer. Students must pass an American National Standards Institute (ANSI) accredited, national food safety manager certification examination that is recognized by the Conference for Food Protection.

Offered at Charlotte, Providence

1 Semester Credit

### **FSM2007 Food and Beverage Technology & Application Systems**

This course prepares students for the understanding of current applications and trends in technology that are impacting the food and beverage industry. Emphasis is placed on emerging technologies used in the industry from both a managerial and an analytical perspective.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **FSM2033 Food Service in Hospitality and Tourism**

This course introduces the principles of how food and beverage operations interact with other departments found in hospitality and tourism properties. Managerial concepts include industry regulations, financial and operational controls, and matching foodservice venues and menus to targeted customer markets.

Prerequisite(s): HOSP1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **FSM2045 Introduction to Menu Planning and Cost Controls**

This course allows students the opportunity to evaluate sales menus and apply the skills relevant to the development and design of the sales menu in a food service operation, while also learning the importance and use of the proper tools and documents needed to control food and beverage costs and analyze sales. Additionally, the course introduces a practical approach to managerial accounting through the exploration of labor and overhead expenses, as well as an introduction to the income statement as a method of evaluating a business's success.

Prerequisite(s): MATH0010 (or concurrent) or math placement, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **FSM2055 Beverage Appreciation**

This intermediate course refines the student's knowledge of beverages served in a variety of hospitality operations. Emphasis is on beverage sensory perception and food pairings. Students develop and analyze strategies to effectively manage, market and set standards for beverage operations. Both alcoholic and non-alcoholic beverages are examined.

Prerequisite(s): Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **FSM2080 Food Service Operations**

This intermediate course is designed to complete the student's foundation in purchasing as well as food and beverage operational controls. Emphasis is on mastering the purchasing cycle functions and back-of-the-house menu management systems and operations. Students also develop income statements using current technology and utilize spreadsheet applications to analyze food and beverage operations. Students have the opportunity to achieve two industry-recognized certifications.

Prerequisite(s): ACCT1210 or ACCT2150 (or concurrent).

Offered at Charlotte, Online, Providence

3 Semester Credits

### **FSM2110 Food and Beverage Operations in the Sports, Entertainment and Event Management Industry**

This course introduces students to the management of different areas of food and beverage operations within the sports, entertainment and event industry. Emphasis is on food product and preparation types, beverage types, food and beverage delivery systems, costing and pricing strategies, and food and beverage pairings as they apply to the different divisions of the industry. Students obtain approved Food Safety Handler and Food Allergy certifications.

Offered at Charlotte, Providence

3 Semester Credits

### **FSM2130 The Businesses of Non-Commercial Foodservice**

This course examines the non-commercial segment of the foodservice industry from the unit manager, client, guest and employment perspectives. Students explore how the operational cycle of control and the use of technologies are applied in a wide variety of businesses. The principal companies and the available career paths in the segment are discussed.

Offered at Providence

3 Semester Credits

### **FSM2210 Operational Management in Healthcare**

This course introduces students to the responsibilities of a food service operations manager within healthcare organizations and other adjacent career paths. Through the examination of financial and human resource management principles, as well as organizational structure and governance, the student will be able to demonstrate and apply the functions expected of an operations manager.

Prerequisite(s): FSM2045.

Offered at Charlotte, Providence

3 Semester Credits



**FSM3035 Supervision for Food Service Professionals**

This course is designed to allow students the opportunity to learn and explore human resource management theory and procedures as they apply to the food service industry. Students learn proper procedures to hire, train, motivate and discipline employees, as well as to perform employee appraisals. Current human resource management issues and labor legislation law are discussed as they apply to preparing future chefs and managers for successful leadership roles in the food service industry.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FSM3040 Food Service Financial Systems**

This course allows students the opportunity to learn and experience an in-depth analysis of financial information within the food service industry. Emphasis is placed on exploration of accounting, sales, purchasing, inventory and budgetary systems. The course offers an overall view of financial management and its related areas through manual applications and the use of computers in the food service industry. Students recognize business problems, provide viable solutions and evaluate the effect of those solutions.

Prerequisite(s): FSM2025 or FSM2045.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FSM3060 Front of the House Operations Management**

This intermediate course focuses on the comprehensive study of dining service management within the food and beverage industry. Emphasis is placed on service theory and delivery, current technology and its application, customer feedback and process improvement, human resource development and training, staffing, physical space and layout, marketing, and fiscal accountability. Students have the opportunity to obtain industry-specific certification.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FSM3075 Food Service and Hospitality Strategic Marketing**

This upper-level course provides students with a broad scope of food service and hospitality marketing. Emphasis is on the analysis, structure and strategy of food service and hospitality marketing; departmental budgeting; allocation of resources; market research; media selection; and effectiveness of the marketing plan. Case studies and assigned readings examine current marketing issues. A directed work project may be incorporated into this course.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FSM3111 Catering: Sales and Operations Management**

Catering companies provide food and beverage services for clients who are hosting events, such as weddings, Bar/Bat Mitzvahs, anniversaries, graduations, rehearsal dinners and organization meetings. Catering managers meet with clients to plan events and are responsible for menu development, cooking and serving food in a variety of locations. This upper-level course examines the unique aspects of planning and executing various catered events for both on-premise and for off-premise locations. Students explore the managerial and entrepreneurial aspects of developing a business model, building and maintaining a client base, operating and analyzing financial performance, and applying food and beverage management operational best practices.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FSM3175 Advanced Food Safety, HACCP and Special Processes**

This course provides students with advanced training in food safety concepts and special processes while simultaneously developing workplace skills that are highly valued by employers. Students explore the framework and imperative steps of Hazard Analysis Critical Control Point (HACCP) as a control for safe food production. Students also explore safe food processing and recognize proper food safety practices utilized to keep food safe through the flow of food. Common special processes and template HACCP plans are analyzed to ensure safe production of these special processes, thus keeping the consumer from risk. At the completion of this course, students are prepared to sit for a nationally recognized HACCP certification exam.

Prerequisite(s): (CUL2510, CUL2610, CUL2710, CUL2810) or (CUL2510, CUL2810, CULN2020, CULN2230) or (CUL2010, CULS2010, CULS3035), FSM1165.

Offered at Charlotte, Providence

3 Semester Credits

**FSM3215 Culinary Operations and Facility Management**

This course is designed to enhance the student's understanding of how a foodservice operation's concept and menu influence back-of-the-house functions and costs. A task analysis is performed to design a workflow and identify the equipment and smallwares needed to receive and store product, and to produce and serve the menu. Overhead costs including direct operating expenses, furniture, fixtures and equipment (FFE), repairs and maintenance, and facilities layout and design are explored and evaluated to determine costs and the effect on profitability.

Prerequisite(s): FSM2025 or FSM2045.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FSM4061 Advanced Food Service Operations Management**

This upper-level capstone course concentrates on integrating critical competencies of management in a small food service setting. Emphasis is placed on menu development, marketing, staff scheduling, production planning and implementation, service, and fiscal accountability. Students manage the food and beverage service operations.

Prerequisite(s): ((FSM2080 and FSM3060) or (Completion of Culinary Arts or Baking and Pastry Arts associate degree)) and senior status.

Offered at Charlotte, Providence

3 Semester Credits

**FSM4070 The Business of Alcohol Distribution, Retail and Sales**

This course offers the student a comprehensive overview of the costs of producing, distributing and selling licensed alcoholic beverages in the U.S. and the relationship between costs, profit margins and sales. Each segment of the three-tiered distribution system is analyzed and the legal aspects of producing, distributing and selling licensed beverages are examined. Internet sales and the challenge it poses to the current system are also evaluated. The impact of the current system on the consumer and how the consumer's needs are addressed is the focus of the course.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**FSM4160 Food and Beverage Strategies and Logistics**

This senior-level capstone course is designed to give students insight into strategic management and decision making in the food and beverage industry. Students develop critical-thinking and decision-making skills by employing a variety of methods to examine the strategies of a number of food and beverage organizations. Special emphasis is on the impact of internal and external factors on strategy, current market conditions in the food and beverage industry, and the unique importance of the supply chain as it relates to food and beverage organizations.

Prerequisite(s): (FSM3075 or HOSP3053 or MRKT1001), (ACCT3150 or FISV2000), junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **FSM4880 Beverage Operations Management**

This upper-level course examines the creation and management of a beverage operation. Planning topics include concept, identification of target market and bar business creation. The creation of a business plan is discussed. Management topics include bar layout and operations, trend identification and product selection, basic production methods, costing and pricing, inventory methods and human resources management. The creation of wine lists, beer lists and cocktail menus is also discussed. Responsible Beverage Service is stressed.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

## Food Studies (FOOD) Courses

### **FOOD5030 Shaping the Future of Food**

This project-based course provides students with the opportunity to explore the local food system from the unique perspective of a chef. Students meet local food producers, sample products, and investigate systemic issues related to the long-term viability of local food systems. Students analyze the impact chefs have within the food web and begin to research approaches to creating local, sustainable and more regenerative food systems.

Offered at Providence

3 Semester Credits

### **FOOD6030 Food Innovation & Technology Capstone**

This action research-based course provides students the opportunity to investigate a systemic food system issue encompassing social, political, industrial or environmental constructs within their professional practice or area of choice. Students employ a critical lens to research and evaluate wicked problems in order to test and determine viable solutions to systemic challenges. This course builds an epistemological framework of inquiry, understanding of multiple perspectives, critical adaptive thinking, and responsible action.

Prerequisite(s): FOOD5030, IDE55030.

Offered at Providence

3 Semester Credits

## Foundations in Tech (FIT) Courses

### **FIT1040 Spreadsheet Design for Business Solutions**

This course provides students with a working knowledge of spreadsheet skills and apply those skills to problem-solving cases. Computer-based assessment software may be used as both a learning and skills measurement tool.

Offered at Charlotte, Online, Providence

3 Semester Credits

## French (FREN) Courses

### **FREN2020 French Language Immersion**

This course, delivered overseas by international postsecondary schools, is designed to develop both fluency in the target language and an in-depth understanding of the historical cultural contexts in which the language is spoken. Students acquire vocabulary through classroom lectures, discussions, required excursions and activities. Students also partner with native speakers of the target language to improve comprehension and communication skills.

Offered at Charlotte, Providence

6 Semester Credits

## Gender Studies (GEND) Courses

### **GEND1040 Introduction to Gender Studies**

This course introduces students to the concept of gender. It explores the biological, psychological, social, historical and performative aspects of gender and the effect that gender roles, biases and expectations have on society and on the lives of individual women and men in the U.S. and around the world. In this course, students are introduced to the topics of gender role socialization; the role that gender plays in institutions such as the family, schools, workplaces and prisons; the interplay of gender, politics and the law; and the portrayal of gender in popular culture. The relationships between gender and race and gender and sexuality are also examined.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Providence

3 Semester Credits

## Global Studies (GLS) Courses

### **GLS1001 Introduction to Global Studies**

This course is the first in the Global Studies program and introduces students to key concepts and issues in the field. Students discuss globalization as both a historical and ongoing process and study key geographic areas and participants in global issues. Global issues including those in politics, the economy, society, information sectors, the environment and others are examined within the context of global studies.

Offered at Providence

3 Semester Credits

### **GLS2100 Latin American History, Culture and Society**

This survey course is a multidisciplinary introduction to the diverse cultures and societies of Latin America from Pre-Columbian times to the present. Students explore the cultural and ideological impact of conquest on colonial societies and look closely at specific problems that Latin American peoples have faced in the 20th century and contemporary challenges for the present millennium. Topics include society and culture, history, politics, strategies for economic development, and U.S.-Latin American relations.

Offered at Providence

3 Semester Credits

### **GLS2240 Middle East in Global Perspective: Peoples, Cultures and Politics**

This course explores the threads and connections that the Middle East's human diversity, politics, geography, cultural lifeways and on-going armed conflicts weave in a region defined by great human and geopolitical insecurity. The course centers on the complex ways in which everyday life is forged in the wake of these daunting dynamics that shape the tempo and patterns of daily life. Topics include cultures; languages; places; ethno-religious diversities; economic, political, ecological and geopolitical dilemmas; globalization and its impact on the region; popular culture; youth; gender; and sexuality.

Offered at Providence

3 Semester Credits

## Graduate Studies (GRAD) Courses

### **GRAD6082 Operations Management and Process Improvement Abroad**

In this course, graduate students apply a more focused lens on continuous improvement and cost management by designing and formulating an operations continuous improvement project with an international corporation abroad. Hosted by an international partner, students spend a week in classes and lectures, preparing for an intensive project week. Students construct a continuous improvement and cost management project, working directly with the corporation's executives and staff. While in country, students are immersed in the complex corporate environment through relevant readings, structured site visits and excursions, cultural events, and community interaction. Along the way students have a chance to tour the host country and visit key cultural sites. This experience provides a professionally focused immersion experience in their future field and opportunities to learn to appraise and value cultural differences when working with an international management team.

Prerequisite(s): Completion of a minimum of 18 credits, 3.5 cumulative GPA.

Offered at Providence

3-6 Semester Credits

## Graphic Design (GDES) Courses

### **GDES1000 Drawing for Design**

A precursor to all design thinking, drawing skills offer an effective means of prototyping visual concepts before committing them to final design solutions. Students gain a foundation in the elements and principles of design through the practice of drawing with the intent to develop and integrate drawing as an essential and crucial step in the creative process. With an emphasis on direct observation, students learn skills to train their eyes to reproduce what they see as well as take ideas from their imagination and translate to paper using traditional drawing tools. Based on design industry models, students also learn and apply technical, compositional and thematic principles as a means of developing a flexible design strategy.

Offered at Providence

3 Semester Credits

### **GDES1001 First Year Design Student Seminar**

In this course, students are exposed to all of the critical components of success in a university-level design program. They gain access to and utilize the myriad of academic, technical and design resources available here at Johnson & Wales University as well as in the local design community. This course eases the transition to college by helping students adjust to life as new designers and make connections with other design students, faculty and staff. Through instruction, workshops and field trips, this class helps students develop the skills that they will need in and out of the classroom, as well as in their careers as designers, such as responsibility, resourcefulness, professionalism, leadership and how to find creative inspiration.

Offered at Providence

1 Semester Credit

### **GDES1020 Design Theory and Practice**

Students learn how to thoughtfully apply the creative process to design projects, participate in a number of non-digital project-oriented experiences, and develop basic skills and practices to be successful in the program and in the industry. The class is structured with an overview of design industries, historical art movements, design trends, and an introduction to key figures. Exploring the creative process and traditional tools, students build a visual vocabulary and are exposed to the critical components of success in a university-level design program and in a collaborative learning space. Topics include elements and principles of design, layout and composition, branding, product families, packaging, and color theory. Instruction includes design analysis and critique, creative research and finding inspiration, hands-on problem solving and public speaking. Relevant connections to current and historical contexts are woven throughout the course.

Offered at Providence

3 Semester Credits

### **GDES1030 Vector-Based Design**

Vector-Based Design is a foundation course wherein students investigate the industry-standard vector-based design software. This project-based course introduces branding, screen layout design concepts, packaging template creation, and the use of hand-done elements within design. Relative concepts in image editing software that pertain to vector design are also introduced.

Offered at Providence

3 Semester Credits

### **GDES1040 Foundations of Web Design**

This course introduces students to the concepts, techniques and principles needed to design modern web sites. Students consider user research, contemporary visual approaches, compositional design principles, user interface design models, and responsive coding practices in the process of creating a series of project-based website prototypes. Emphasis is on understanding and applying current approaches in planning and design as well as securing a functional grasp of the prototyping techniques required to present these solutions as planned.

Offered at Online, Providence

3 Semester Credits

### **GDES1050 Image Editing and Design**

This is a foundation course wherein students investigate the industry-standard raster-based manipulation software. This course is project-based with assignments using the acquisition, creation, manipulation and distribution of raster-based images. Students learn techniques in scanning and best practices in resolution and color mode management. Emphasis is placed on creative projects investigating photomontage/layering techniques and the development of essential frameworks for designing in print and screen formats.

Offered at Providence

3 Semester Credits

### **GDES1060 User Experience and Content Design I**

This course introduces students to the foundations of user experience design for digital products. Students learn to develop, prototype, test and refine user-focused concepts for websites and mobile applications. Topics include design research, user interface design, interaction design, style guides, user interface toolkits and basic principles of accessibility. Students gain experience with industry-standard design and prototyping software.

Offered at Online, Providence

3 Semester Credits

### **GDES2000 Typography**

Typography is a critical foundation of visual communications. Letterforms, typestyle, shape and size communicate subtle messages and convey important information. Successful design solutions always benefit from thoughtful and creative use of type, whether on a printed page or in digital space. This course presents the fundamentals of typography and letterforms including history, anatomy, theory and practice, while teaching students to appreciate type as a critical element of design and to identify type by respective classifications and families. Emphasis is placed on developing a current, practical typographic knowledge based on current industry standards. Typographic design in graphic communications is explored through project-based work.

Prerequisite(s): GDES1030 or permission of department chair.

Offered at Providence

3 Semester Credits

### **GDES2020 Motion Graphics I**

This course introduces the fundamentals of contemporary digital motion graphics. Students cover both animation and video techniques. Digital motion concepts and creation techniques are also covered. The course uses a range of software and hardware tools. Students experiment with motion image origination through basic animation and camera applications. Various editing tools are introduced.

Prerequisite(s): GDES1030.

Offered at Providence

3 Semester Credits

### **GDES2025 Basics of Screen Design & Coding**

This course allows students to explore the various components of creative web design using coding languages like HTML and CSS to develop design solutions for multiple digital formats, including web browsers, tablet computers and smart phones. Student combine research into contemporary visual approaches and learn how to use compositional design principles and grid-based "frameworks" to visualize contemporary responsive web design solutions. Emphasis is on understanding and applying current practice in planning and design as well as securing a solid vocabulary in the code required to present these solutions as planned. Topics also include Search Engine Optimization (SEO), User Experience (UX) and site architecture, key navigation and linking principles, as well as content development and design principles. Various webmaster tools (Google and Bing) are used as well as sitemap best practices and SEO.

Prerequisite(s): Sophomore status.

Offered at Providence

3 Semester Credits

### **GDES2030 Editorial & Publication Design**

This course introduces the creative and technical development of text composition, layout and the hierarchy of information with emphasis on dynamic use of the grid, page structure, text/image integration and multi-page layout and design. Emphasis is on typographic composition and page layout. Using industry-standard page layout applications, this project-based class helps students develop their skills as designers by the creation of sophisticated editorial and publication design assignments.

Prerequisite(s): GDES2000.

Offered at Providence

3 Semester Credits

### **GDES2050 Content Management Systems**

In this course, students explore the workings of a popular content management system (CMS) as well as a strategic process for organizing and delivering their website content. Students use a variety of skills to build, deploy and test multi-page websites. Potential projects include ecommerce, portfolio, blog, small business, and progressive web apps. Students build upon content strategy, user experience, information architecture, and front-end coding skills.

Prerequisite(s): Sophomore status.

Offered at Online, Providence

3 Semester Credits

### **GDES2060 Portfolio Assessment for Digital**

In this course, students conceive, design and develop their own portfolio website, incorporating the projects and personal branding developed in Portfolio Assessment for Print (GDES2061). Students use their evolving knowledge of interactive design and front-end web development to organize and structure their portfolio, ensuring that their website is useable, accessible and visually appealing. Work originally designed for print is converted to a web-friendly format. Previously-produced web-based projects are revised and improved. Website design is prototyped for optimal user experience. Additional consideration is paid to formatting student work for delivery on common online platforms.

Prerequisite(s): GDES1060, GDES2030, sophomore status, Co-requisite: GDES2061.

Offered at Providence

3 Semester Credits

### **GDES2061 Portfolio Assessment for Print**

In this course, students assemble a comprehensive portfolio that demonstrates their increasingly sophisticated mastery of design. With faculty guidance, students gather, revise and organize their best works. Students begin to identify and present themselves as independent designers through the development and design of a focused personal brand identity that carries through to all of their presentational materials. Emphasis is placed on both self-branding and self-revision through reinforcement of design skills and concepts learned in the program thus far. In the final week of the course, students present and defend their work to a select group of faculty. Success in this course depends on the progress of the student, which is identified through both in-class and out-of-class assignments. There is an expectation that students display a high degree of involvement, which includes such behaviors as encountering all classwork and assignments with commitment, obvious preparation, and a willingness to become actively engaged in class activities and discussion.

Prerequisite(s): GDES1060, GDES2030, sophomore status, Co-requisite: GDES2060.

Offered at Providence

3 Semester Credits

### **GDES3015 Design Team I**

This course provides students with hands-on design and development projects from real-world clients. With faculty supervision, students work on a wide range of team-based design projects involving print and screen media. The resulting work supports the day-to-day operations of nonprofit client organizations, community partners and interdisciplinary collaborative work. This course is the direct, practical application of skills learned in prior academic courses and prepares students for future career success.

Prerequisite(s): GDES3250.

Offered at Providence

4 Semester Credits

### **GDES3025 Design Team II**

This course expands on the real-world client projects begun in Design Team I. This course provides students with hands-on design and development projects from real-world clients. With faculty supervision, students work on a wide range of team-based design projects involving print and screen media. The resulting work supports the day-to-day operations of nonprofit client organizations, community partners and interdisciplinary collaborative work. This course is the direct, practical application of skills learned in prior academic courses and prepares students for future career success.

Prerequisite(s): GDES3015.

Offered at Providence

4 Semester Credits

### **GDES3050 Basics of Graphic Design**

This course introduces the student to the fundamental principles of graphic design. Using both traditional tools as well as industry-standard software, students learn the essential visual design concepts, processes, and workflow practices used in graphic design. The introduction of design theory and practical applications of graphic design is included.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **GDES3140 Motion Graphics II**

This course teaches students advanced digital production techniques and tools for full motion, sound and video editing. Participants explore current and emerging media standards and applications. Topics include converging digital media, content creation and use of digital media communication tools for internet-enabled application. Students work independently and on project teams.

Prerequisite(s): GDES2020, sophomore status.

Offered at Providence

3 Semester Credits

### **GDES3200 Print Production**

This course continues to explore the graphic design field with an emphasis on the production process and printing technology. Terminology and methods, communicating print specifications and cost estimates, file preparation and pre-flighting, font management, and color use in print production are explored. As part of this course, industry lectures are planned, both on and off campus. Projects for this course are designed to reflect the same expectations, processes and tasks as found in current printing industry.

Prerequisite(s): GDES2030.

Offered at Providence

3 Semester Credits

### **GDES3210 Advanced Publication & Print**

This course reinforces the creative and technical development of text composition, layout and hierarchy of information. Through various projects, students conceive, compose and produce multi-page layouts using sophisticated and advanced visual design techniques for print and screen. Students visually coordinate images and typographical content across multiple and emerging media specific to editorial and publication design.

Prerequisite(s): GDES2030, junior status.

Offered at Providence

3 Semester Credits

### **GDES3215 Coding for Web Design**

This course develops the student's understanding of the web design and web development process. Students advance their knowledge of client-side coding languages (HTML, CSS and JavaScript) through a series of real-world projects and weekly design challenges. Through this process, students expand their ability to conceive of, design and build modern, responsive interfaces for websites and web apps. Topics include user interface design, usability and accessibility, design prototyping, front-end development with HTML, CSS and JavaScript, performance optimization, basic version control, and publishing content on the internet.

Prerequisite(s): GDES1040.

Offered at Providence

3 Semester Credits

### **GDES3235 User Experience and Content Design II**

This course builds on the design process introduced in User Experience and Content Design I. Students consider common approaches for designing effective user experiences and user interfaces through the creation of several project-based applications. The focus is on adopting a carefully considered process of discovery, strategy, design and testing that can help designers understand the problem they are solving and offer intelligent solutions that satisfy both user needs and business goals.

Prerequisite(s): GDES1060.

Offered at Providence

3 Semester Credits

### **GDES3250 Brand Identity Design and Development**

The course is an immersion into the brand identity and development process, through strategy, design, implementation and presentation. Utilizing industry-standard software programs, students learn how to design identity systems that are unique, memorable, meaningful, appropriate and differentiated from competitors. In addition, students gain a better understanding of brand standards, brand equity, competitors, target audiences and cohesiveness across different forms of print and digital media.

Prerequisite(s): GDES2030, junior status.

Offered at Providence

3 Semester Credits

### **GDES3260 Package Design**

This advanced level graphics course is a hands-on, project-based class where students are expected to further refine their level of craft in prototyping, while applying their knowledge of branding and typography as it pertains to package design. Students are educated about new product and package development, visual coding, structural packaging, understanding competitors audits, visual hierarchy, brand equity, shelf presence, cohesiveness, material sourcing, understanding target audience and demographic, developing supportive marketing collateral, and food and beverage requirements within the package design industry.

Prerequisite(s): GDES2060 and GDES2061, junior status.

Offered at Providence

3 Semester Credits

### **GDES3270 Wayfinding & Environmental Graphics**

In this advanced-level course, students explore the nuances of wayfinding and environmental graphics. Students gain a clear understanding of applying brand identity to various environmental spaces and the impact it can have, both from a visual and marketing aspect. Projects explore wayfinding systems, icon development, effective environmental graphics, signage, visitor flow, directional hierarchy, interactivity, visual clues and exhibit design.

Prerequisite(s): GDES3250, junior status.

Offered at Providence

3 Semester Credits

### **GDES3300 Design for Video I**

Students participating in this course are introduced to digital production techniques, theory, and tools for full motion and video editing. Students explore current and emerging media standards and applications. Topics include converging digital media, content creation, and social media platforms.

Offered at Online, Providence

3 Semester Credits

### **GDES3310 Design for Video II**

This advanced course explores different genres and narrative codes, including documentaries, TV ads and post-modern narratives, in experiential team assignments. Exercises in set lighting, advanced framing and advanced camera movement enhance already acquired production techniques. Additional sound and audio production as well as more in-depth digital editing and special effects are provided for post-production. Topics include contemporary digital media history and film genres. Financing and project management are reviewed.

Prerequisite(s): GDES3300, sophomore status.

Offered at Providence

3 Semester Credits

### **GDES3315 Introduction to Programming with JavaScript**

This course presents an overview of the core components found in many programming environments using the popular JavaScript language as a model. The use of core programming concepts is explored through the creation of project-based programs. Students gain an understanding of the basics of programming, easing adaption of new ideas and practices in web development.

Prerequisite(s): GDES3215.

Offered at Providence

3 Semester Credits

### **GDES3355 Web Design & User Experience Studio**

This studio course provides students an opportunity to showcase the skills acquired throughout their web design and user experience coursework. Students draw on the breadth of their learning experiences to create a comprehensive design project that demonstrates their understanding of contemporary design practices in the respective fields of web design and user experience. At the conclusion of the course, students create a detailed case study outlining their process and outcomes.

Prerequisite(s): GDES2050, (GDES3215 or GDES3235).

Offered at Providence

3 Semester Credits

### **GDES3500 3D Modeling & Animation**

This course introduces the essentials of 3D models and animations. Students learn to use basic objects to create realistic computerized 3D images.

Dynamic models are created and set into motion. Professional concepts and techniques create the platform for primary applications and skills. Industry-standard software is used to offer students a real work experience.

Prerequisite(s): GDES2020.

Offered at Providence

3 Semester Credits

### **GDES4050 Senior Portfolio Assessment**

This capstone course guides students through the assembly of a comprehensive physical and digital portfolio that demonstrates their increasingly sophisticated mastery of design. With faculty guidance, students gather, revise and organize their best completed works as well as enhance their portfolios with additional advanced design projects. Portfolios consist of a minimum of 12 professional works showcasing a range of design capabilities. In the final week of the course, students present and defend their work to a select group of faculty and visiting professionals.

Prerequisite(s): GDES2060, GDES2061, GDES3250, senior status.

Offered at Providence

3 Semester Credits

## **Health Science (HSC) Courses**

### **HSC1010 Introduction to Health Professions**

This course is designed to survey different types of health professions for those in pursuit of a healthcare career. Students are provided with information about all training, educational and certification requirements for the professions discussed in class. Students learn how each of the professions plays a role in providing care in the healthcare system and how the professions interact with one another. Case studies introduce students to different scenarios in which various healthcare professions interact to solve complex patient problems.

Offered at Charlotte, Online, Providence

1 Semester Credit

### **HSC1020 Medical Terminology**

This course provides an overview of medical terminology, the basis of the language used in healthcare. Students are introduced to the principles of medical word building, analysis and pronunciation, and define and interpret medical word parts and terms associated with the body using a systems approach. Common medical abbreviations applicable to each system are also defined.

Offered at Charlotte, Providence

1 Semester Credit

### **HSC1100 Determinants of Health**

This course provides students with an overview of the determinants of health as described by the Centers for Disease Control and Prevention (CDC) and the World Health Organization (WHO). The determinants of health are critical for understanding the impact of factors outside of genetics/biology on a population's health. A variety of topics are examined including a population-based overview of the determinants of health using the framework of social, physical, ecological and behavioral causation.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC1230 Introduction to Public Health**

This course explores what public health means and how it impacts our lives through environment, policy, communication and personal relationships. Students are introduced to the basics of the public health system, covering the basic definition of public health, how we analyze public health problems, defining the biomedical basis of public health, and describing social and behavioral factors related to health interaction and medical care issues. This course uses case studies and real-life scenarios of challenges faced and the strategies implemented for working with communities on specific health issues that have the potential to impact a population.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC2100 Epidemiology**

This course provides a systematic approach for acquiring and evaluating information on the distribution and causes of disease and other health outcomes in populations. Topics include epidemiologic methodologies utilized in health-related areas other than public health, such as clinical medicine, health administration, dentistry, occupational health and nursing. The link between epidemiology and the traditional liberal arts, such as social justice and health disparities, is discussed.

Prerequisite(s): HSC1230, MATH2001 or MATH2010.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC2130 Mindfulness for Health & Wellbeing**

This course provides students with the opportunity to learn the principles of mindfulness, develop their own mindfulness meditation practice, and apply principles of mindfulness to daily life. This course also provides students with an overview of the relationship between mindfulness meditation and physical and mental health. Students learn mindfulness strategies to work with thoughts, emotions and sensations, while developing their capacity to enhance mind-body awareness of present-moment experience. Students in this course research the evidence supporting the use of mindfulness and meditation to improve overall physical and mental health outcomes. This course also introduces students to the public health implications of incorporating mindfulness into community-based and traditional medical settings. This course combines didactic, experiential, group and presentation-based learning.

Prerequisite(s): HSC1230 or PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC2230 Introduction to Global Health**

This course introduces students to the major global health challenges, programs and policies that countries throughout the world make decisions about on a day-to-day basis. Students are introduced to the differences in global health status and disease prevalence and many of the factors that play a role in the reasons why some countries are able to eradicate disease more easily than others. Political, monetary and ideological values, as well as environmental factors, all play a role in creating health disparities globally. Discussion includes why people in some countries are healthier than those in others and why there are differences in resource allocation among these countries. Students are introduced to principal global health concepts such as the burden of disease, epidemiology, policy analysis and comparative health systems. Students learn to differentiate problems across countries and use learned skills to problem solve and communicate policy goals.

Prerequisite(s): HSC1230.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC2310 Introduction to Healthcare in the United States**

This course introduces students to the organization, finance and delivery of healthcare in the United States. Students discuss how the structure of the healthcare system affects health outcomes for all populations. As part of this course, students explore the underlying principles of public and private health insurance. The course focuses on health policy reforms for both payers, providers, and patients and the challenges often faced with implementing reform. The influence of politics, economics, and environmental factors on delivery of healthcare services is discussed as well as how those factors affect patient outcomes and decision-making. In addition to the payment system, the course also introduces students to where healthcare is delivered and how care is regulated at both the state and federal level.

Prerequisite(s): HSC1230.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC2330 Healthcare Organizational Theory and Management**

Students in this course examine the dynamic nature of organizations in the health services field and the administrative approaches in public and private agencies in the health sector. The healthcare system in the United States operates outside of traditional business norms, requiring leaders to understand the management principles that deliver healthcare services with high quality outcomes all while maintaining costs. Students explore healthcare management techniques through the lens of patients, providers and payers. This course also examines various principles of strategic management amidst the ever-changing regulatory environment with a focus on improving organizational efficiency, effectiveness and efficacy through leadership principles.

Prerequisite(s): HSC1230.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC2400 Research Methods for Health Science**

This course introduces students to ecological, experimental and observational research methods that are necessary to conduct research in the health sciences and public health. Students discover the differentiating contributions of qualitative and quantitative research methods to the understanding of health and the disease process, as well as explore the role of innovative research designs, such as community-based participatory research, ecological momentary assessment, and mixed-methods designs. Students explore the relationship between methodological decisions and the strength of research findings. As part of the course, students develop a working knowledge of measurement theory; the validity and reliability of health-based measures; and population sampling techniques. Research ethics, including research funding and dissemination, are emphasized through historical and modern lenses, and past ethical errors relevant to the development of modern bioethical principles are discussed. Ethical codes created and supported by the American Medical Association and the American Public Health Association are prioritized. Students demonstrate their knowledge through the development of a research plan on a health or public health topic of their choice.

Prerequisite(s): (ESS2010/ESS2015 or HSC1230) and MATH2001 or MATH2010, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC3200 Health Education and Program Planning**

This course is a study of the processes involved in planning health education and health promotion programs. Emphasis is on community analysis, including social assessment, epidemiological assessment, behavioral assessment and environmental/ecological assessment. Program implementation and assessment are also examined. Additionally, behavior theory is discussed to reflect the symbiotic nature between the target population and the service provider(s).

Prerequisite(s): HSC2100, MATH2001 or MATH2010.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HSC3300 Comparative Healthcare Systems**

This course is designed to provide an in-depth survey of the structure, function and comparative performance of a variety of healthcare delivery and financing systems in the U.S. and other countries, and explores contemporary issues affecting the institutions that provide healthcare and the people who seek health services. The course also covers the historical development of international healthcare systems, the organization and financing of systems of care, and the policy process and priority setting. Finally, the course covers current efforts at healthcare reform.

Prerequisite(s): HSC1010, HSC1230.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HSC3410 Quality Improvement in Healthcare Organizations**

Quality improvement in healthcare is designed to improve patient safety, patient-reported outcomes, and overall health equity among patient populations. Students in this course learn about the history of quality improvement and how this movement significantly changed the healthcare landscape in the United States during the past few decades. This course also covers methods for measuring, managing and improving the quality of healthcare. Students learn the principles of quality improvement and how to apply these principles in practical healthcare settings. This course focuses on current reform efforts focused on use of performance measures, quality reporting, and incentives as a way to improve quality across the healthcare system.

Prerequisite(s): HSC2330.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HSC3430 Healthcare Research Ethics**

In this course, students discuss research ethics and management within a healthcare setting. Preceding events to the implementation of modern research policies are explored, and students learn the role of the institutional review board. Students discuss the grant acquisition process, intellectual property issues in research, conflicts of interest and publication ethics.

Prerequisite(s): HSC2400.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HSC3500 Current Issues in Health**

This course allows students to examine the etiology and outcomes of recent or novel health events. Emphasis is put on developments within the health, public health, and healthcare fields within the previous 12 months, and topics may be nationally or globally relevant. Potential topics include emerging infectious disease outbreaks, changes in chronic disease trends, health care reform, and program or policy implementation. The course requires students to apply practical and theoretical knowledge towards the discovery of the causes of disease and the identification of effective disease prevention or treatment plans.

Prerequisite(s): HSC2100.

Offered at Charlotte, Providence

3 Semester Credits

**HSC4100 Health Policy, Ethics and the Law**

This course is designed to introduce students to topics that involve ethical issues in decision-making for public health issues that society faces every day. Students are exposed to a variety of issues in public health and provided examples of the process used to determine ethical trade-offs before decisions are made in the world of public health and healthcare. Topics include issues of conflict with values held by some stakeholders or members of the public; political and social circumstances; and when to impose restrictions on the freedom of individuals to protect the health of the community and the duties and obligations owed by citizens to the wider community.

Prerequisite(s): HSC1230, HSC2100.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HSC4310 Innovations in Healthcare Finance and Delivery Systems**

Alternative payment models have emerged as innovative ways to contain costs and increase quality in delivery of healthcare services in the United States. Students in this course explore the new approaches to improving efficiency in care delivery and how to develop new ways to pay for that care. This course introduces students to the different strategies used in pay for performance programs, accountable care organizations, and other reforms implemented for provider-based incentives and care coordination. This course also explores the different health reforms passed as a way to integrate payment and service delivery to patients in the United States.

Prerequisite(s): HSC2310.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HSC4900 Data and Evidence in Health: Research Capstone**

This course is designed to provide students with a context for performing research using different types of health data and to understand the differences across data types. Data as a decision-making tool is discussed as it pertains to issues in health, including making public health policy decisions, implementing new legislation, or deciding whether or not a drug is effective. Students perform an independent research study, beginning with the conceptualization of the research question, to selecting the appropriate data to create an analysis to be shared with colleagues. This is a capstone course that teaches students to transform their fundamental knowledge of public health research and methods in order to complete a research project using methods appropriate for public health research questions.

Prerequisite(s): (ESS2010/ESS2015 or HSC2100), HSC2400 and MATH2001 or MATH2010, junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HSC5020 Foundations of Public Health**

In this course, students explore the history of public health, and trace the historical developments that have led to modern U.S. public health structure and function. Integration of public health services within the healthcare and other related systems is discussed, and students compare the U.S. public health and healthcare systems with those implemented abroad. Students also learn issues related to workforce development within the public health field and assessing future needs in this area.

Offered at Charlotte, Providence

3 Semester Credits

**HSC5080 Health and Healthcare**

Using the Social Ecological Model as a guide, students learn the intra-personal, interpersonal, community, cultural, economic and political determinants of health. Health inequities that arise due to the social determinants of health are discussed, and relevant sociological concepts, such as social justice, are introduced. Students also discuss the role of globalization on health, including international trade, transnational corporations, and the internationalization of health. All topics are discussed within the context of national and international health concerns.

Offered at Charlotte, Providence

3 Semester Credits

**HSC5100 Healthy Planet**

Students discuss the environmental factors that influence population health, including pollution, environmental degradation, and climate change. Students also learn about the relationship between the health of the environmental ecosystem, animal health, and human health using the "One Health" model as a guide. Policy and regulations related to environmental health, and their impact on health, are discussed. As part of these discussions, students learn the details of the policy-making process and the ethical principles used when considering environmental interventions.

Offered at Providence

3 Semester Credits

**HSC5120 Health Trends**

Students learn the core epidemiological principles and practices that are used to determine the health status of communities. Students then apply these principles to examine the major causes and trends of morbidity and mortality at the local, state and national level. The utility of disease prevention efforts, such as screening and health promotion, at multiple stages of disease are discussed, and students learn to assess community health needs and disease prevention capacity.

Offered at Charlotte, Providence

3 Semester Credits

**HSC5150 Chronic Disease Prevention and Control**

Students in this course are introduced to the basic principles of biostatistics while applying those principles to the prevention and control of chronic disease. Chronic diseases are defined and characterized. Foundational principles of biostatistics are then introduced, including data types and distribution theory. Students learn to use descriptive and inferential statistical tests to identify disease trends, the risk and protective factors of chronic disease, and the effectiveness of chronic disease interventions.

Offered at Charlotte, Providence

3 Semester Credits

### **HSC5180 Discrimination and Health**

Students in this course discuss the role of historical and modern privilege, prejudice, discrimination and racism in shaping the current health and healthcare environment. Students learn how discriminatory policies and practices, past and present, from the individual to the structural level, negatively impact population physical and mental health throughout the life course and lead to health inequities. Students also discuss the effectiveness of efforts and interventions to reverse these trends.

Offered at Providence

3 Semester Credits

### **HSC5220 Insights into Vulnerable Populations**

In this course, students learn qualitative research methods while exploring issues related to sexual and reproductive health. The purpose and usefulness of key informant interviews, focus groups, medical record reviews, and other forms of archival review are discussed, and qualitative data analysis techniques are introduced. Students then learn how to use qualitative research to investigate relevant topics such as sexual and gender expression, sexual well-being, sexual assault, discrimination against sexual minorities, and culture and gender-based norms.

Offered at Charlotte, Providence

3 Semester Credits

### **HSC5260 Advocating for Healthier Diets**

Students in this course learn how to resolve issues in the American food system and the American diet by using a systems thinking approach. Using visual models as a guide, strengths and deficits in the food system are identified, and potential change targets are detected. Then, students learn how to build coalitions and advocate for policy and program change as a key tool to improve the public's health.

Offered at Providence

3 Semester Credits

### **HSC5290 Combatting Infectious Disease**

Preventing the spread of infectious disease has re-emerged as a key factor in significantly improving the public's health. In this course, students learn the epidemiology of infectious diseases, including types of agents, disease spread, invasiveness, virulence, and effective public health interventions. Then, students learn best practices when communicating to different population groups about infectious disease to decrease barriers to use and increase fidelity of infectious disease interventions. The role of cultural competence in public health communications is also discussed.

Offered at Providence

3 Semester Credits

### **HSC5320 Cultural Competency to Improve Health**

Students learn U.S. and worldwide historical and current trends in mental illness, including disease screening efforts and DSM-V and ICD-11 diagnostic criteria. Risk factors and protective factors at the individual, interpersonal, community and environmental level are explored, and treatment options are discussed. Students discuss the impact of culture and language on the recognition and approach to mental health, including barriers and stigma that may arise. Students then develop a culturally competent program to decrease the burden of mental illness.

Offered at Providence

3 Semester Credits

### **HSC5350 Diversity, Equity and Inclusion**

Students discuss the issues of diversity, equity and inclusion (DEI) as an essential part of team, program and organizational development. Students learn fundamental DEI principles, different groups that DEI initiatives need to consider, and held biases against such groups. The function and application of DEI in team building, leadership, and workplace environment are examined. Students also discuss the individual and societal effects of DEI initiatives.

Offered at Providence

3 Semester Credits

### **HSC5380 Policy of Addiction**

In this course, students discuss current trends in the use of legal and illegal psychoactive substances, such as tobacco, alcohol, marijuana and opioids. State, national and international policies that prevent or promote psychoactive substance use are explored, and the effect of policies on substance use are discussed, with a focus on the role of policy in creating or eliminating health disparities. Then, students learn how to evaluate policy effectiveness using scientifically appropriate methodologies.

Offered at Providence

3 Semester Credits

### **HSC5420 Community Organizing**

In this course, students learn the principles, purpose and activities involved in community organizing for a public health-related cause. Real-world examples are used to demonstrate effective and successful organizing activities. As part of this process, students discuss leadership theories, management strategies, negotiation tactics, and the role of mediation. Students also learn to identify the necessary tools and resources required for a successful community-organizing campaign and ensure long-term sustainability.

Offered at Providence

3 Semester Credits

### **HSC6110 Epidemiology and Food Safety**

This course provides students with an introduction to epidemiologic methods used in foodborne disease outbreak investigation. Emphasis is put on the importance of surveillance in detecting various types of foodborne disease (e.g. bacteria, virus, parasite, etc.). In particular, students learn systematic approaches for collecting and analyzing data on the distribution of foodborne illness to identify the points of contamination and causes of foodborne disease. Both epidemiologic methods and molecular methods are presented to identify the causes of foodborne disease outbreaks. Finally, students evaluate the effectiveness of foodborne disease outbreak investigations using various case studies.

Offered at Online, Providence

3 Semester Credits

### **HSC6120 Improving Community Health**

With faculty support, students work with community partners and stakeholders to apply learned knowledge in real-world settings. In the classroom, students learn the principles and process of developing community interventions and producing high-quality work products to improve population health.

Prerequisite(s): HSC5220.

Offered at Providence

3 Semester Credits

### **HSC6920 Public Health Capstone**

Students in this course complete an integrative learning experience under faculty supervision. Students learn to apply their foundational public health knowledge to real-world situations using scientifically and field appropriate methods.

Prerequisite(s): HSC6120.

Offered at Providence

3 Semester Credits

## **History (HIST) Courses**

### **HIST2001 World History to 1500**

Major developments in world history before the 16th century are considered with an emphasis on the rise of civilizations, the birth of religions and philosophies, and the development of artistic traditions. The development of various political systems, technologies, and forms of cultural expression in Western and non-Western societies are highlighted. The influence of societies upon one another and the political, religious, philosophical and artistic legacies of these cultures on the modern world are also emphasized.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Online, Providence

3 Semester Credits



**HIST2002 World History Since 1500**

Major developments in world history from the 16th century to the present are considered with an emphasis on the impact of ideas and influences from Asia, Africa and the Americas upon European culture and society and the European impact upon Asia, Africa and the Americas. Emphasis is placed on the various revolutions — industrial, democratic, political, technological, military, social and cultural — that marked this period of time.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HIST2050 Food in World History**

This course examines the important role that food has played in human history from the Neolithic Revolution to the present. The course analyzes the ways in which historical events and cultural movements (e.g., wars, revolutions, religious conflicts, industrialization, exploration and colonization) have affected the human diet. The course also studies the manner in which dietary constraints and the need or desire for certain foods have, in turn, influenced world history.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HIST2200 U.S. History Since 1877 (to the Present)**

This course is a survey and analysis of United States history and those institutions that contributed to the evolution of the American nation since Reconstruction. Emphasis is on the rise of industrialization, urbanization and immigration; the coming of imperialism; the development of American foreign policy; the rise of big business; the growth of reform movements as seen in Populism, Progressivism and the New Deal; the Women's Movement; the Civil Rights Movement; and recent developments.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Providence

3 Semester Credits

**HIST2300 History of Globalization**

This course explores the history of the process of globalization from its beginnings in the ancient world to the 21st century. It examines the spread of economic, political, intellectual and religious developments that brought together diverse societies across the world and bound them together in the economic, political, diplomatic and cultural institutions and networks (both formal and informal) that exist today. Topics include colonialism, imperialism, and the exploitation of both free and unfree labor in Latin America, Africa and Asia by industrialized nations. Particular attention is paid to seminal moments in history when peaceful contacts, violent clashes and/or ideological conflict led to new connections or altered existing ones among various regions of the globe.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HIST2400 History of the Atlantic World**

This course examines the development of the Atlantic World from the 15th century to the end of the 19th century. In this course students investigate the connections forged among the major components of the Atlantic World: North America, Latin America, the Caribbean, Africa and Europe. The course examines not only interactions between the "Old" World and "New" World and between the European core and the American and African periphery, but also intra-regional connections between local cultures. Focus is on the development of both trans-Atlantic and intra-regional economies, the Atlantic slave trade and its eventual abolition, the impact of colonization on indigenous communities in the Americas and the Caribbean, the creation of creole societies in the Western hemisphere, and the effect of colonization on gender roles. This course ends with an analysis of trans-Atlantic intellectual movements such as the Enlightenment and the Atlantic Revolutions that brought independence to most of the countries of the Western hemisphere by the mid-19th century.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Providence

3 Semester Credits

**HIST2420 History of the Mediterranean World**

This course is a survey history of the Mediterranean world — the societies and nations that border the Mediterranean Sea from pre-history to the 1960s. Among the nations and societies to be studied are Portugal, Spain, France, Italy, Greece, the Balkan states, Malta, Cyprus, Turkey, Israel/Palestine, Egypt, Libya, Morocco, Tunisia and Algeria. Focus is on the ways in which the civilizations and nations of the Mediterranean world have interacted with and influenced one another with particular emphasis on religion, gender roles, art and architecture, technological innovation, commerce, migration, slavery, government, political ideology and war. The influence of contacts between the Mediterranean world and the Atlantic and Pacific worlds are also considered.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Providence

3 Semester Credits

**HIST2440 History of the Pacific World**

This course is a survey history of the Pacific world — the societies and nations that border on the Pacific Ocean or that have been active in settling in the Pacific, from pre-history to the 1970s. Among the nations and societies to be studied are China, Japan, Korea, Vietnam, India, Indonesia, Fiji, Tonga, Tahiti, Samoa, New Guinea, Australia, New Zealand, the Philippines, Russia, the United States and Mexico. Focus is on the ways in which the societies, cultures and nations of the Pacific world have interacted with one another with particular emphasis on religion, commerce, exploration, colonization, labor and war, and the effect that these interactions have had on individual societies. The relationships between Europe and Africa and the Pacific world are also studied.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Providence

3 Semester Credits

**HIST3010 Modern History**

This course provides an in-depth analysis of the major ideas and forces in the Western world during the 20th century. It reviews significant figures and events, as well as the seminal forces that have led to current conditions.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Providence

3 Semester Credits

**HIST3020 A Multicultural History of America**

In this class students survey the broad currents of American history through the lens of immigration, race and ethnicity. Beginning with the colonization of North America, students study the experiences of Native Americans and immigrants from diverse points of origin across four centuries. Students use firsthand narratives, period fiction, contemporary journalism, and historical scholarship to interrogate the shifting nature of American identity from colonial "contact" through the present day.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HIST3100 Contemporary American History: The United States in a Global Age**

This course addresses the recent history of the United States from the end of World War II to the present day, taking as its focus America's increasingly dominant role in world affairs. It traces America's rise as a global military and economic power and explores the implications of such might and affluence on American culture, foreign policy and liberation struggles here and abroad. Topics addressed include the Cold War, Vietnam War and Iraq War, liberal and conservative presidential politics, and the critiques that emerged from the left and the right.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HIST3200 American Government**

This course involves an examination of the political and governmental system of the United States, the principles upon which it is founded, and the institutions and systems which comprise it. Topics to be discussed are constitutional foundations, federalism, political parties, public opinion, interest group activities, civil liberties and decision-making in institutions of American national government, such as Congress, the presidency and the Supreme Court.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HIST3400 African American History**

This course explores the history of people of African ancestry in the United States from the colonial period to the present day with special focus on the transition from slavery to freedom to full citizenship over the course of the 18th–20th centuries. Among the topics studied are African American religion and spirituality, African American involvement in political and social reform movements, the role played by African Americans in the U.S. economy, and African American contributions to American culture. Interracial interaction, the social construction of “blackness,” and the construction of gender roles within the African American community are also major themes of the course.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Providence

3 Semester Credits

### **HIST3500 History of Health and Medicine in the Western World**

This course studies the history of health and medicine in the Western world. It examines how scientific, religious and cultural ideas regarding health and wellness have changed over time and traces the development of the institutional framework of healthcare in the West. The course also investigates how ideas regarding sex, gender, race, ethnicity and class have influenced cultural understandings of illness and the effect of these ideas on medical treatment and access to healthcare for women, people of color and the poor.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Providence

3 Semester Credits

## **Hospitality Management (HOSP) Courses**

### **HOSP1001 Orientation to the Hospitality Industry**

This course introduces the student to the dynamic world of hospitality. One of the largest industries in the world, hospitality includes travel and tourism, food and beverage, hotels and resorts, meetings and conferences, entertainment, cruising, and theme parks. An overview of this interconnecting service industry also enables the student to explore a large number of career possibilities. This course also exposes the student to various academic opportunities.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HOSP1015 Managing the Hotel Guest Experience**

This course familiarizes students with the foundations of managing the guest experience within a hotel rooms division. Students focus on the critical management components and operational procedures of the front-of-the-house including: management of guest expectations, selling guest rooms and services, rooms forecasting, basic revenue management, teamwork, and interdepartmental relationships.

Prerequisite(s): FSM1001 or HOSP1001 or SEE1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HOSP2011 Hospitality Sales and Meeting Management**

This course familiarizes students with the scope of sales, meeting and convention management within the hospitality industry. The reciprocal relationship between selling and service is presented within the context of hospitality marketing practices.

Prerequisite(s): FSM1001 or HOSP1001 or MRKT1001 or SEE1001, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HOSP2040 Human Resources Management in Service Organizations**

Leaders in today's service-related businesses manage a diverse group of employees and are responsible for complying with employment laws and human resource policies. This course prepares students for situations they will encounter as they develop and apply sound human resource management principles. Students learn about the best practices of human resource management including recruiting, interviewing, selection, orientation, training, performance evaluation, discipline, terminations and employee and union relations.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HOSP2050 International Tour and Hotel Operations**

This course focuses on cultural, political, legal, and economic forces and their impact on tourism and how hospitality management practices differ among countries. Students plan and participate in tours and professional site visits to gain first-hand knowledge of the international travel experience. This course is taught only on a campus outside of the United States during a study abroad program.

Prerequisite(s): Must be accepted in Study Abroad program.

Offered at Charlotte, Providence

3 Semester Credits

### **HOSP2070 The Gaming Industry**

This introductory course is designed to familiarize students with the many facets of the gaming industry. Students gain an understanding of the development of the gaming industry in the United States and a comprehension of the primary forms of gambling. This course delves into the current gaming environment in the United States and researches international gaming destinations. Students are introduced to a variety of career opportunities within the industry.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HOSP2260 Exploring the Private Club Industry**

This introductory level course examines the private club industry and its unique operational and managerial characteristics. Emphasis is placed on providing an immersion exploration of understanding the manager's role with the governing board or ownership principals, membership value proposition, staffing and the management of the clubhouse and recreational activities. The student is provided the opportunity to tour clubs and participate in Club Management Association of America CMAA and regional educational and networking experiences.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HOSP3005 Leading Service Excellence in the Hospitality Industry**

This upper-level guest service management course is designed to familiarize the student with principles of leading change, process improvement methodologies and how they affect organizations, and employees within hospitality organizations. Focusing exclusively on the unique challenges of the intangible service delivery requirements of the hospitality industry, this course incorporates Six Sigma and Lean methodologies. Emphasis is on root cause identification, problem-solving techniques, process effectiveness measurements in the service environment, and decision-making skills using relevant analytical tools.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **HOSP3012 Sustainable Hotel Support Operations**

This course gives students a working knowledge of hotel support services, including facilities operations within a lodging context. Essential elements of engineering, housekeeping, and safety and security are discussed from a sustainability perspective. Students focus on managerial, financial and legal issues related to these departments. Current issues of sustainable operations with regard to environmental, social and ecological aspects affecting the hospitality industry are addressed.

Prerequisite(s): HOSP1015.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HOSP3053 Hospitality Strategic Marketing**

This course examines the broad scope of hospitality marketing. The emphasis is on hospitality marketing strategic planning, as well as the use of integrated marketing communications to build relationships. Topics include marketing foundations, strategic planning, consumer/organizational buying, market segmentation/targeting/positioning, and digital marketing.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HOSP3077 Revenue Management**

This course examines and illustrates the strategies, principles and techniques of revenue management as they relate to lodging, travel/tourism, food service and facilities management. The relationship between accurate forecasting, overbooking, reservation systems, marketing issues, pricing and e-commerce as they relate to financial decision making is investigated. Students are required to analyze revenue management scenarios.

Prerequisite(s): ECON1001 or ECON1002, HOSP1015.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HOSP3085 International Hotel Operations, Development and Management**

This course focuses on the development and management of multinational hotel properties. Students participate in a week-long study abroad experience. Students learn the skills and abilities necessary to become a global hospitality manager, including managing a diverse, multicultural staff; developing strategies to satisfy international guests; and working as an expatriate manager. Trends in the global hotel industry are also examined.

Prerequisite(s): HOSP2040 or MGMT2001, junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HOSP3105 Casino Operations Management**

This course provides students with the tools and techniques necessary to achieve optimal control of a casino operation. The organization of casinos and casino hotels and resorts is illustrated and students explore the areas of licensing, regulations and oversight for these operations. Throughout this course students are exposed to the reporting techniques used to circumvent money laundering, control credit and ensure internal operational control.

Prerequisite(s): HOSP2070.

Offered at Online, Providence

3 Semester Credits

**HOSP3420 Introduction to Residential Property Operations Management**

This course familiarizes students with the foundations of managerial competencies necessary to direct and supervise property-related duties involving such residential properties as condominiums, apartments and long-term care facilities. Students learn to manage operations and resolve issues and problems encountered in day-to-day management situations in any type of residential organization.

Prerequisite(s): HOSP2040 or MGMT2001.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HOSP3440 Resort, Vacation Ownership and Spa Management**

This course examines the concepts and issues regarding resort management in such areas as ski, beach and golf resorts. The principles and concepts of the marketing and management of vacation ownership properties and spas are covered.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HOSP4040 Hotel Asset Management**

This course focuses on the issues related to the maximization of hotel asset value. Processes of feasibility analysis and benchmarking are covered. Capital investment decision tools, value proposition of franchising and marketing affiliations, and the role of the asset management professional in the hotel environment are also discussed.

Prerequisite(s): HOSP3077.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HOSP4055 Hospitality Operations Analysis**

The course builds on concepts introduced and reinforced in courses across the curriculum in the areas of forecasting, marketing and revenue performance analysis, the management of labor costs, purchasing and inventory control, the integration of changes in the balance sheet with income statement results, and the prioritization of capital expenditures. The course is highly applied in nature and gives students the opportunities to learn and practice the business critical skills they will need upon graduation.

Prerequisite(s): ACCT3150 or FISV2000 (or concurrent), junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**HOSP6030 Franchising and Licensing**

This advanced course focuses on growing a business through cooperative strategies, especially franchising and licensing. Economic concepts underlying franchising are reviewed. Students learn to determine when franchising or licensing are appropriate growth strategies for a company. This course covers key management, operations and legal issues involved with these growth strategies. Implementation of a franchising strategy is covered in detail, including policy development, penetration of new markets, fostering franchisor-franchisee relationships through channel communications and creating a sustainable competitive advantage.

Prerequisite(s): HOSP5020 or MRKT5500.

Offered at Online, Providence

3 Semester Credits

**HOSP6060 Corporate Social Responsibility**

This course provides a conceptual and practical overview of the role of a business in contemporary society. Students use academic literature and current business scenarios to explore the social context of economic systems. Students further examine the concepts of business ethics and corporate legitimacy through the lens of contemporary business practices.

Offered at Online, Providence

3 Semester Credits

**HOSP6080 Experience, Adventure and Education Tourism**

This course is intended to give students an in-depth analysis of consumer motivation for participatory travel relating to hands-on experiences, involved education and adventure tours. Focus is on the management of businesses whose products provide deeply memorable experiences for those participating in an activity. The course examines ecotourism, culture-based tourism, gastro-tourism and adventure travel. Students explore the history, outcomes and future potential of experience tourism in various global destinations.

Offered at Online, Providence

3 Semester Credits

**HOSP6120 Organizational Behavior in the Hospitality Industry**

This course is designed to immerse the student in the basic concepts of organizational behavior and organizational structures in the context of the hospitality industry. Focus is on the impact of structural and leadership models that have proven successful in the intangible service delivery environment. Emphasis is also placed on the management of diverse personality types and skill levels, effective leadership and motivation of cross-functional teams, and design of financial and non-financial incentives to drive performance.

Offered at Online, Providence

3 Semester Credits

**HOSP6509 Hospitality and Tourism Global Issues**

This course presents an advanced study of the evolution, growth, mission and roles of the different types of senior property managers and corporate officers of various hospitality and tourism organizations. The course explores major emerging issues and problems that impact the domestic and global lodging industry, as well as current issues and trends confronting the fast development of tourism activity at both national and international levels. Students acquire the knowledge, skills and attitudes necessary to undertake leadership roles in the increasingly interdependent and complex hospitality industry. Group and individual research examine trends, as well as industry-wide problems and concerns of current interest.

Prerequisite(s): RSCH5700 or RSCH5800.

Offered at Online, Providence

3 Semester Credits

### **HOSP6526 Information Technology in Hospitality and Tourism**

This course is designed to provide the student with a perspective of the technological needs of a hospitality/tourism organization. Students conduct research in the areas of data and analytics, customer experience, point-of-sale, property management, online tourism marketing, and information security. Students explore the issues pertaining to operations and management in the industry by employing creative problem-solving solutions utilizing today's information technologies.

Prerequisite(s): RSCH5700 or RSCH5800.

Offered at Online, Providence

3 Semester Credits

## Human Resource Mgmt (HRM) Courses

### **HRM5010 Human Resource Management**

This course provides students with an overall study of human resource management. Students learn about the different personnel management systems and how each is interdependent in supporting organizational strategy. Case studies and exercises are used to provide analogous scenarios for students to apply course knowledge.

Offered at Online, Providence

3 Semester Credits

### **HRM5020 Labor and Employee Relations**

This course presents various labor and employment law issues that employers and employees confront in today's union and non-union corporate environments. The course surveys the effects of union organization and representation, collective bargaining negotiations, the grievance and arbitration processes, and the laws, agencies and issues impacting labor-management relations in the public and private sector. Also discussed are various other legal issues including privacy, wages and salaries, and employee misconduct.

Offered at Online, Providence

3 Semester Credits

### **HRM5030 Strategic Compensation and Benefits**

This course reviews the fundamentals of wage and salary programs, including developing job descriptions, performing job evaluations, conducting salary surveys, adjusting pay structures, considering differentials and relating pay to performance. Benefit programs and related employee incentive and service programs are also covered. Ways to link performance to both monetary and non-monetary rewards are reviewed, including profit sharing, bonus plans, stock options, awards and special rewards for managerial personnel. Legislative restraints and tax treatments are discussed and behavioral theories are highlighted as they apply in this area.

Offered at Online, Providence

3 Semester Credits

### **HRM5040 Organizational Training and Development**

This course examines the role of human resource development in organizations as a tool for enhancing employee performance and assisting organizations with managing change. Strategies for assessing, designing, implementing and evaluating training and organizational development initiatives that advance employee and organizational performance are analyzed. This course also explores the role of human resources in impacting executive leadership, line management and staff development. Other topics discussed include succession planning, on-boarding, orientation, performance appraisals and coaching.

Offered at Online, Providence

3 Semester Credits

### **HRM5050 Strategic Recruiting, Retention and Succession**

This course addresses the legal, ethical and economic factors that affect recruitment, selection, placement and appraisal. Students distinguish among effective recruiting methods using internal and external selection processes. This course also discusses the requirements for a comprehensive job analysis and the development of job descriptions. Other topics discussed include organizational exit, retention, succession planning and employee records management.

Offered at Online, Providence

3 Semester Credits

## Humanities (HUM) Courses

### **HUM3060 History/Sociology Abroad**

The course is a merger of two disciplines in an attempt to gain understanding of the human experience while living in a particular culture. The summer program is a unique hands on opportunity supported by pre-trip research and assignments. The goal is to leave the visited country with disciplined insight into the history and society of the foreign country.

Offered at Providence

3 Semester Credits

### **HUM3200 Honors Seminar: American Music Cultures**

This honors seminar introduces students to the foundational texts of cultural studies, popular culture studies, musicology and ethnography, and builds toward an understanding of how we use music to create and maintain social identities. Students complete research projects on a particular musical genre and subculture. Focus is on cultural analysis within social and historical contexts (drawing on the fields of literary criticism, history, sociology and music), which provides students with an opportunity to analyze and synthesize complex material encompassing multiple disciplines. Students are equipped with skills essential to the production of an Honors thesis, based on original research and analysis. A technical understanding of music and music theory is not a prerequisite for this course.

Prerequisite(s): ENG1024 or English placement, honors or SHARP status, sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

## Info Security/Assurance (ISA) Courses

### **ISA5005 Network Fundamentals**

This course is a foundational graduate-level course in computer networks. The course offers a comprehensive review of the application, transport, network and link layers of the OSI protocol stack. Advanced topics, including network management, traffic engineering and router configuration, are also addressed. Network protocols are studied in detail with an emphasis on learning to read RFCs within the context of the structure, FSM, configuration protocol learning paradigm.

Offered at Online, Providence

3 Semester Credits

### **ISA5020 Foundations of Information Security Management**

This courses provides a conceptual overview of information security management and information assurance (IA). Topics covered at an introductory level include information security and information assurance principles, information technology security issues, and security technologies and processes. Governance issues include policy, law, ethics and standards, as well as organizational models and communications. Risk management issues include risk assessment, threats, vulnerabilities and security life-cycle management.

Offered at Online, Providence

3 Semester Credits

### **ISA5030 Legal and Ethical Principles in IT**

This course provides an in-depth working knowledge of the ethics and laws pertaining to information systems security. Topics include the ethics of privacy, confidentiality, authenticity, medical information, copyright, intellectual freedom, censorship, social networking and cyber-bullying. Issues related to the creation, implementation, enforcement and assessment of institutional codes of ethics are discussed.

Offered at Providence

3 Semester Credits

### **ISA5040 Network Security and Cryptography**

This course details the issues faced by security managers in addressing network security threats, technical discourse regarding known threats, potential countermeasures to these threats, and the need for the aggressive application of cryptographic methods to guarantee the security of information. Students are immersed in the details of cryptography and explore both symmetrical and asymmetrical methods. Students delve into both the technological and mathematical elements of cryptography.

Prerequisite(s): ISA5005 or Department Chair Approval.

Offered at Providence

3 Semester Credits

### **ISA5050 Digital/Computer Forensics and Investigation**

This course studies cyber-attack prevention, planning, detection, response and investigation. Course goals include counteracting cybercrimes, and identifying and making the responsible persons/groups accountable. Topics covered in this course include fundamentals of digital forensics, forensic duplication and analysis, network surveillance, intrusion detection and response, incident response, anti-forensics techniques, anonymity and pseudonymity, cyber law, computer security policies and guidelines, court report writing and presentation, and case studies.

Prerequisite(s): ISA5040.

Offered at Providence

3 Semester Credits

### **ISA5085 Principles of Programming**

This course teaches students without a background in computer science or software engineering the concepts necessary to complete the graduate program in Information Security/Assurance. This course is designed to deliver an understanding of core algorithmic concepts (e.g., control structures, assignment, decision structures, mathematical/Boolean operations, etc.), an introduction to structured and object-oriented computer programming languages, compilers, interpreters and virtual machine environments. Students design algorithms to solve problems and learn how to translate these algorithms into working computer programs using appropriate languages and runtime environments.

Offered at Providence

3 Semester Credits

### **ISA6010 Software Security Testing**

This course teaches the fundamentals of software testing from the viewpoint of security. An in-depth discussion on various security testing methods and tools vulnerabilities is provided with demos of concepts during the class. Students learn how to perform penetration testing in a practical way using well-established tools such as Kali Linux. This course covers different types of systems including Web-based systems and some internals of OS kernel software testing and exploitation. Students also learn software design patterns to built-in security during the architectural phase of the life-cycle.

Prerequisite(s): ISA5085, completion of 15 credits from core courses.

Offered at Providence

3 Semester Credits

### **ISA6020 Securing Virtualized and Cloud Infrastructures**

This course is designed to give students a solid technical understanding of virtualization, cloud computing, storage networks and the vulnerabilities known to exist in these environments. Students gain an understanding of the planning of these environments, the countermeasures to threats that exist and the management of information in the cloud. Topics include the interconnection of the virtualized environment with the underlying network transport and network storage technology.

Prerequisite(s): ISA5040.

Offered at Providence

3 Semester Credits

### **ISA6030 Hacking Countermeasures and Techniques**

This course focuses on the study of well-known hacker tactics, attack typing and categorization, profiles of hacker strategies, and a detailed review of countermeasures. Students examine both active and passive attacks, vulnerabilities of operating systems and the software vulnerabilities of popular systems with an eye toward effectively thwarting hacker threats.

Prerequisite(s): ISA5085, completion of 15 credits from core courses,

Corequisite: ISA6040.

Offered at Providence

3 Semester Credits

### **ISA6040 Advanced Network Intrusion Detection and Analysis**

This course covers principles and techniques of intrusion detection such as network traffic analysis, packet analysis, application protocol layer for common protocols, and log analysis. The use of intrusion detection tools and services is evaluated, as intrusion detection systems are now integral parts of the technology management fabric with the capability to stop threats in progress and capture/quarantine evidence.

Prerequisite(s): ISA5085, completion of 15 credits from core courses,

Corequisite: ISA6030.

Offered at Providence

3 Semester Credits

### **ISA6050 Business Continuity Planning**

This course focuses on the need for and ability to conduct business continuity planning. Emphasis is on planning for the inevitable system failure, network fault or security breach in the current technological environment, given industry's heavy reliance on technology.

Prerequisite(s): ISA5020, completion of foundation courses.

Offered at Online, Providence

3 Semester Credits

### **ISA6060 Risk Management and Incident Response**

This course is directed toward students interested in understanding how large-scale complex risk can be quantified, managed and architected. Students learn to identify the business and technical issues, regulatory requirements and techniques to measure and report risk across a major organization. Students explore techniques used to mitigate, minimize and transfer risk. This course also provides a foundation in disaster recovery principles, addressing concepts such as incident disaster recovery planning, developing policies and procedures, roles and relationships of various members of an organization, "swim lane" diagramming, implementation of the plan, testing and rehearsal of the plan, planning disaster recovery resources, and linking risk management incident response to large-scale disaster recovery implementations planning; developing policies and procedures; roles and relationships of various members of an organization; "swim lane" diagramming, implementation of the plan; testing and rehearsal of the plan; planning disaster recovery resources, linking risk management incident response to large scale disaster recovery implementations.

Prerequisite(s): ISA5020, completion of foundation courses.

Offered at Online, Providence

3 Semester Credits

### **ISA6070 Cyber Science and IT Business Operations**

This course focuses on IT auditing processes, cyber threats and their effect on common infrastructures, the properties and applications of specific loss count and loss severity distributions, actuarial modeling, and forensic accounting techniques. Topics include the planning of security provisions, countermeasures and deployment, as well as understanding the impact of attacks (evidence gathering and investigation), which depend on a combination of technology and business acumen. Certain estimation methods like percentile matching, maximum likelihood estimation, Bayesian estimation and credibility theory are also introduced.

Prerequisite(s): ISA5020, completion of foundation courses.

Offered at Online, Providence

3 Semester Credits

### **ISA6090 Information Security & Assurance Capstone Research Project**

This capstone course integrates previous coursework and practical experience with a focus on authentic demonstration of competencies outlined by the program. Students synthesize prior learning to design or develop a capstone as a culmination of their studies. The course is structured to support student success in fulfilling program requirements and developing a well-thought-out, comprehensive capstone project. Problem domains may be suggested by external sponsors, the instructor or student teams. The project itself can be research-oriented, have a design focus, center on evaluation and testing, or be tailored to an individual or team's interests. It should, however, touch on either the technical or business elements of information security, or a combination of both. Student teams or individuals are expected to document their projects in a weekly, online process journal. Key deliverables for the course, regardless of the project definition, include planning documents, execution plan, final project deliverable and presentation. Problem domains may be suggested by external sponsors, the instructor, or student teams. The project itself can be research-oriented, have a design focus, center on evaluation and testing, or be tailored to an individual or team's interests. It should, however, touch on either the technical elements, the business elements, or the combine technical & business elements of information security. This delivery model requires good communication about the process, as well as, the results of a project, since that is the main focus of the learning in the capstone experience. As such, student teams or individuals are expected to document their projects in a weekly, online process journal. Key deliverables for the course, regardless of the project definition, include planning documents, execution plan, final project deliverable and presentation.

Prerequisite(s): Completion of 9 credits from selected Technical or Business focus area and all core courses.

Offered at Providence

3 Semester Credits

# Information Technology (ITEC) Courses

## **ITEC2081 Network Protocols I**

This course develops students' knowledge of computer networks, network appliances and network protocols. They are introduced to methods of developing protocols, including interpretation of standards, finite state machines and state-full transition. Students gain a conceptual framework useful in the adaptation of network protocols to network appliances and internetworking design. Through the use of network protocol analyzers students conduct in-depth examinations of the 802.3, ARP, IP (versions 4 and 6), ICMP and RIP protocols. Comparison of protocols is made by type. Students develop a basic understanding of the software paradigms used to construct protocols. In homework and lab assignments, students develop skill competencies needed to troubleshoot protocol issues. Students connect, configure and program a range of network devices; work with network protocol analyzers; examine the software internals of protocol implementations; and map the path of a data packet on a network.

Prerequisite(s): CSIS1101 or CSIS1020 or ENGN2009.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **ITEC2082 Network Protocols II**

This course expands on the core network engineering and protocol concepts developed in Network Protocols I through an in-depth examination of the Internet Protocol (IP), RIP II and OSPF, ICMP, and VOIP. Students examine the details of software implementation of these protocols. Students understand the interplay of these protocols and the associated end node, enterprise, autonomous region and internet backbone structures in support of efficient and effective movement of information across the internet. Students use network design simulation software to explore the complex interactions of these protocols with each other and with the architectures they support.

Prerequisite(s): ITEC2081, MATH2001 (or concurrent).

Offered at Charlotte, Providence

3 Semester Credits

## **ITEC2085 Distributed Systems with TCP/IP**

In this course, students learn how client/server systems evolved and how those systems continue to adapt to business needs. Students develop an understanding of distributed programming techniques and of how distributed applications (databases, transactions, processors, ERP systems, etc.) work within networks. The course also covers the three main types of systems (Two Tier, Three Tier and N Tier) and how they relate to one another. In homework and lab assignments, students develop skill competencies needed to solve day-to-day business problems in maintaining and customizing databases and other applications. Students configure and implement their own client/server network, which gives them an opportunity to develop a professionally focused understanding of how such a network is designed and built. This course focuses on the upper layers of the OSI model (especially the application layer).

Prerequisite(s): ITEC2081, MATH2001.

Offered at Providence

3 Semester Credits

## **ITEC3010 Server Configuration and Implementation**

This course allows students to apply skills learned in the network degree program and other information-technology-related courses to the construction and commission of a server on a network. Students are responsible for configuring a server to deliver applications and files necessary to support many types of user-bases.

Prerequisite(s): CSIS1020 or CSIS1101, CSIS2045, ITEC1020 or ITEC2081.

Offered at Providence

3 Semester Credits

## **ITEC3031 Router Internals and Integration**

This advanced networking course gives students an in-depth view of router internals, protocol design and operation, as well as network modeling and design. Students learn about the intricacies of network design, choosing the right technological tool, network modeling and simulation, and network testing and benchmarking. Students examine the requisite hardware and software constructs necessary for successful router development and use. Students also examine advanced topics such as convergence, first mile/last mile, QOS and switching and routing fabrics. Students examine the behavioral complexities that emerge as a result of distributed autonomous routing and switching cohorts. Students receive professionally focused experience in lab exercises by designing their own networks and dissecting a router (hardware and software).

Prerequisite(s): CSIS1050 or CSIS1112, ITEC2082.

Offered at Providence

3 Semester Credits

## **ITEC3040 Systems Analysis**

This course presents a systematic approach to the development of business systems. By following this approach, students learn to design business systems that efficiently meet the goals and objectives of management. A major element of this course is a team project, where students utilize the systems approach in analyzing and designing a business system. This class is required for majors in this program and highly recommended for non-computer majors.

Prerequisite(s): CSIS1112 or FIT1040.

Offered at Providence

3 Semester Credits

## **ITEC3050 Information Security with Cryptography**

Encrypting information is one of the most effective ways to control information, verify authenticity of information and maintain confidentiality, integrity and non-repudiation. This course presents all aspects of computer and information security including symmetrical and asymmetrical data encryption, zero-knowledge based proofs, public key infrastructure systems, digital signatures, crypto currencies and security procedures using encryption. This course makes students aware of the various threats to computers and data and identifies methods and techniques for providing counter-measures to those threats.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **ITEC3070 Systems Modeling and Simulation**

This course addresses the process of modeling systems, including business systems, network systems, dynamic vehicle systems and client-server systems, to name a few. The modeling process is the prerequisite for the simulation and subsequent analysis, design and assessment of a system with respect to specific performance criteria. The roles of modeling in simulation are presented within the context of the systems engineering process. Modeling encompasses everything from functional through mathematical modeling; simulation includes the development and use of software for systems analysis and design. Team projects from students' areas of interest are an integral part of the course.

Prerequisite(s): MATH2001.

Offered at Online, Providence

3 Semester Credits

## **ITEC3075 Network Security**

This course provides the students with a comprehensive introduction to the field of network security. Critical network security aspects are identified and examined from the standpoint of both the user and the attacker. Network vulnerabilities are examined, and mitigating approaches are identified and evaluated. Concepts and procedures for network risk analysis are introduced. Network architectures and protocols and their impact on security are examined. TCP/IP security is examined in conjunction with the IPSec and IKE protocols. Integration of network and computer security is introduced. The course also discusses the building of trust networks, key management systems, and physical network security. The course emphasizes the implementation of intrusion detection and prevention methods.

Prerequisite(s): ITEC2081, ITEC3050.

Offered at Charlotte, Providence

3 Semester Credits

**ITEC3083 Wireless Networking**

This course covers the design and implementation of wireless networks and mobile systems. Students are acquainted with best industry practices and standards. Topics include practical wireless communication systems, cellular and wireless mesh networks, antenna theory, signal transmission basics, wireless network security, and management. This course also discusses recent advances in wireless such as network coding, interference alignment and cancellation, and emerging security and management techniques.

Prerequisite(s): ITEC2082 or ITEC2085, MATH2020.

Offered at Charlotte, Providence

3 Semester Credits

**ITEC6514 Decision Support Systems**

This course focuses on design, development and implementation of effective systems for meeting information needs of management decision-makers. The course explains both model-based and data-based decision support systems and their use by business managers. Decision Support Systems (DSS) are addressed at three levels: general theory, implications for DSS design, and code/rule-based development. Data mining, developing business intelligence with analytics and modeling are reviewed. Data warehousing and DSS across cultures associated with transnational systems are also addressed.

Offered at Providence

3 Semester Credits

**ITEC6524 Enterprise Data Management**

This course focuses on the problems and issues surrounding distributed data management integration and the concepts of grid computing. Also examined are management and administration of very large and/or distributed database architectures within national or international companies or organizations. Topics also include the fundamentals of business functions as they relate to enterprise data management.

Offered at Providence

3 Semester Credits

**ITEC6534 Strategic Management of Information Technology**

This course examines four dimensions of strategic IT management: IT environment scanning, IT planning and control, IT acquisition and implementation, and strategic use of IT (use of IT to increase your firm's profitability). Special attention is given to the IT/IS alignment within the organization. Professional abilities and attributes of successful IT managers (knowledge, systems, strategies and technology) are also emphasized.

Offered at Providence

3 Semester Credits

**ITEC6544 Current Trends and Issues in Information Technology**

This course provides current theory, trends, and issues in the field of information technology. Global topics of infrastructure, hardware, software, security, quality control are examined. Social and cultural impacts of technology, virtual digital communication, data mining and government regulations are also considered. E-business, planning, budgeting and electronic commerce within the context of information management are also assessed. Students develop an area of interest and formulate a research proposal for further study in IT management.

Offered at Providence

3 Semester Credits

## Integrated Design (IDES) Courses

**IDES1010 Introduction to 3D Design**

This class is a hands-on introduction to designing in form and space. Students investigate form, perception and descriptive language across a variety of mediums. Students experiment with measurement techniques (manual and digital) and practice using projected drawing documentation.

Offered at Providence

3 Semester Credits

**IDES1030 Direct Modeling**

Direct modeling introduces students to Computer Aided Design (CAD). Students study the current landscape of CAD technologies and how different software tools match up with common design problems. The class then focuses on one common direct modeling software to teach the basics of 2D drafting, 3D modeling and output workflows.

Offered at Providence

3 Semester Credits

**IDES2010 Human Factors**

This class introduces the concepts of ergonomics, usability and user-focused design. Students study human performance including physical, psychological and behavioral capabilities and how our understanding of those capabilities determine aesthetics and standards in design practice. Students conduct primary and secondary research and use case studies to discuss how research can inform design process. A final project assessing and proposing a modification to an existing product allows students to apply their understanding of how user needs can drive design decision-making.

Offered at Providence

3 Semester Credits

**IDES2020 Studio - Iteration**

This course focuses on iteration and prototyping, the core of an investigative design process. Students experience a variety of prototyping techniques and learn of their application. Students develop a series of design proposals, using the critical ideation cycle: 1) Ideate, 2) Prototype and 3) Evaluate.

Offered at Providence

3 Semester Credits

**IDES2030 Studio - User Centered Design**

This course further develops the understanding of human factors in design and challenges students to practice the iterative approach to develop a series of design proposals that demonstrate user-centered design.

Prerequisite(s): IDES2010.

Offered at Providence

3 Semester Credits

**IDES2040 Materials and Processes**

This course develops a practical understanding of physical, digital and virtual materials and material conversion processes used in product development. Students investigate material properties through research, simulation and prototyping. Students use basic statics calculations to quantify material properties and make performance predictions. In short design projects, students incorporate their understanding of material properties and material conversion processes into their use of Computer Assisted Design tools.

Offered at Providence

3 Semester Credits

**IDES2050 Parametric Modeling**

Parametric modeling introduces students to Parametric Computer Aided Design (CAD). Students contextualize parametric CAD software within the current landscape of CAD technologies and how different types of parametric CAD (BIM, solid modeling, visual programming) apply to common design problems. The class then focuses on one common parametric modeling software to teach the basics of 2D drafting, 3D modeling and parametric workflows, focusing on the unique capabilities and efficiencies offered by parametric CAD.

Offered at Providence

3 Semester Credits

**IDES2060 Studio - Form Finding**

This course explores the relationships connecting form, aesthetics, human factors and material optimization. Methods of form finding are introduced through a series of design proposals. Each project emphasizes varying connections and priorities.

Offered at Providence

3 Semester Credits

**IDES3010 System Design**

This course introduces system thinking and system design techniques. Students practice interpreting, visualizing and analyzing products, organizations, and experiences as systems. Practices include diagramming, modeling and simulating. Students examine products in both micro and macro systems.

Offered at Providence

3 Semester Credits

**IDES3020 Studio - Systems of Production**

In this course students work with materials and processes and incorporate system design. Students develop a series of design proposals, each associated with an existing production system and the associated material and process constraints.

Prerequisite(s): IDES2040.

Offered at Providence

3 Semester Credits

### **IDES3030 Simulation, Analysis and Optimization**

This course expands on students' understanding of systems thinking and their ability to predict and optimize system performance. Specifically, students practice modeling systems using qualitative and quantitative representation. Students practice using basic statistical methods to quantify system performance and draw relationships between system input, system relationships and system output. Students explore modern simulation techniques to make predictions of complex or stochastic processes.

Prerequisite(s): IDES3010.

Offered at Providence

3 Semester Credits

### **IDES3040 Studio - Ethical Design**

This course challenges students to expand their consideration of the impact of design beyond the end user and direct stakeholders. Projects require students to address the broader impacts of a design proposal, the responsibilities of a designer to society, how one navigates conflicting obligations, and how user needs are valued and prioritized.

Offered at Providence

3 Semester Credits

### **IDES3050 Emerging Design Technologies**

This course is an opportunity for students to explore the cutting edge of CAD, CAM, RP, IoT and other technologies driving changes in the design industry. The course starts with a broad survey of current technologies and trends. Students then research particular areas of interest more deeply. Visits to local advanced design and manufacturing businesses offer opportunities to see emerging technology in practice. Students concentrate on a particular technology and apply it to a short-cycle design problem.

Prerequisite(s): IDES1030, IDES2050.

Offered at Providence

3 Semester Credits

### **IDES3090 Design Studio**

Design Studios form the backbone of design thinking at JWU, enabling JWU students from any discipline to join diverse teams and solve open-ended design problems. Project teams are assembled by faculty around the skills and experience of the students, intermingling design majors and their expertise with the diverse skills and experience found among students from across Johnson & Wales. Students have the opportunity to enroll in the class up to five times, honing their problem-solving through scaffolded experiences of increasing complexity and responsibility. Experience 1: Iterating, testing and creating. Experience 2: Research, reporting and assessing. Experience 3: Drawing conclusions and making decisions. Experience 4-5: Defining the problem, planning and leading. Students work across teams on skills in iteration, user-centered design, ethics, computational design/form finding, and designing in collaboration and context. Design Studio projects vary each semester, arising out of ongoing research agendas within the department, inter-departmental collaborations, external sponsors, and student capstone projects.

Prerequisite(s): Sophomore status.

Offered at Providence

4 Semester Credits

### **IDES4010 Studio - Computational Design and Informatics**

Through a series of design proposals, students practice using data-driven decision-making which may include generative design, simulation, and optimization. Additional computational design tools are introduced at the discretion of the instructor.

Prerequisite(s): IDES3030.

Offered at Providence

3 Semester Credits

### **IDES4020 Studio - Collaboration and Context**

This course adapts the design process developed in prior studios to operate effectively on a variety of contextual collaborations. Each class works with external clients, requiring students to navigate complex relationships and communicate effectively with a variety of stakeholders. Students learn and practice current best practices for managing collaborative design processes. Students develop their ability to design in context by expanding their interpretation of human factors to include design for institutions, organizations and demographic groups. Students demonstrate global empathy by considering their project through an international lens.

Prerequisite(s): Completion of 12 credits of Integrated Design Studio courses.

Offered at Providence

3 Semester Credits

### **IDES4030 Preparation for Capstone Project**

In preparation for the capstone project course, students develop and refine their own design perspective. Through researching areas of interest and practice composing questions to serve as the basis for further investigation, students develop and submit their capstone design project proposals for approval, prior to enrollment in the capstone project course. Students are encouraged to collaborate with an external sponsor in their self-directed capstone project which must be planned and incorporated into the design project proposal.

Prerequisite(s): Senior status.

Offered at Providence

1 Semester Credit

### **IDES4050 Capstone Project**

This capstone design project embodies the individualized design process each student has developed and refined over the studio course sequence. Students build a project plan to meet the objectives of the course based upon their pre-approved proposals.

Prerequisite(s): IDES4030.

Offered at Providence

3 Semester Credits

### **IDES5030 Food Systems Design Methodology**

This course integrates design thinking and systems thinking into a flexible methodology which students use to analyze and improve contemporary food systems. Students propose an intervention to solve or mitigate a systemic issue within a food system while considering the interactions between individual components and large-scale system dynamics.

Offered at Providence

3 Semester Credits

## **Integrative Learning (ILS) Courses**

### **ILS2010 Modern Identities: 20th Century Literature and Beyond**

This integrative learning course explores the relationship between modern world literature and its historical, social and/or political contexts through the study of the 20th century literary works. Fiction, poetry, drama and/or the essay are used as vehicles for exploring major movements, trends and events of the 20th century. Themes of racial, ethnic and gender identity, political oppression and/or war are explored. Emphases vary.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **ILS2015 Honors Seminar: Postcolonial Literature**

Colonization of Africa and Asia and ensuing post-colonial reconstruction, two world wars, the spread and fall of communism, human rights movements and immigration profoundly changed the face of the world. This discussion-and-writing-intensive Integrative Learning Honors Seminar focuses on literary responses to and representations of select movements and events of the 20th century (emphasis varies). By reading texts through the lenses of postcolonial literary theory, history, philosophy and ethics, students examine the variety of human responses to the moral questions posed by colonialism, imperialism, and the social and political movements that arose in their wake.

Prerequisite(s): ENG0001 or placement, ENG1024, honors or SHARP status, sophomore status.

Offered at Online, Providence

3 Semester Credits

### **ILS2090 The Working Life**

This course focuses on the important and complicated role of work for individuals and societies. One of the most common everyday questions is, "What do you do for a living?" That question, when thoroughly examined, reveals a great deal about how people view themselves and each other, and how much work shapes the human experience. Through the lenses of history, sociology and literature, students examine how working lives have changed over time, the experience of the worker in various contexts and how work shapes identity.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits



**ILS2110 The Atomic Age**

This course provides an overview of how the emergence of nuclear science (and the catastrophic consequences of its military use on Japan to end the Second World War) marked the beginning of an Atomic Age. How is it that the world's greatest scientific thinkers could produce a technological innovation capable of destruction on a global scale? From August 1945 forward, no longer could one draw simple connections between "science" and "progress." And yet nuclear developments continued to shape every aspect of human existence: from international diplomacy and energy policy to the "nuclear family" and popular culture. Drawing on scientific discourse, world history, international relations theory, Cold War studies, policy analysis, energy and environmental studies, and gender and cultural studies, this course explores the multiple ways in which we continue to live in an Atomic Age. Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Providence  
3 Semester Credits

**ILS2135 Health, Healing and the Humanities**

This course acquaints students with the medical humanities. Students learn how studying the humanities contributes to an understanding of issues related to health and illness. In this course students are introduced to the study of disease, disability, healthcare and wellness through the lenses of history, religion, philosophy and the arts. Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Online, Providence  
3 Semester Credits

**ILS2140 History of Science**

This course explores human thought about the natural world from the earliest civilizations to the present. Students investigate a central question: From where did our ideas about the scientific process arise? At the heart of this course is the idea that science and technology are not isolated from the rest of society. Rather, they are shaped by historical and societal forces even as they influence civilization. In this course, students discuss the evolution of great scientific ideas of the past and the effects of religious, political, economic and social contexts on the development of scientific principles. Through close reading, analysis, discussion and integration of primary and secondary source materials, students make connections among the disciplines of history, theology, philosophy and science. Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

**ILS2145 Imagining the Human Body: Technology Past, Present and Future**

This course examines the scientific, spiritual, cultural and intellectual meanings of technological innovations and interventions involving the human body. Students explore a variety of technological interventions, study their scientific roots, examine their historical development, discuss their philosophical implications and analyze how these interventions have been depicted in popular culture. Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Providence  
3 Semester Credits

**ILS2150 Introduction to American Studies**

This course introduces students to the major themes in American culture, both past and emerging. Students are given a sense of the tensions running through the identity and image of Americans here and around the world. As an integrative learning seminar, this course also serves as an introduction to the idea and practice of interdisciplinary scholarship. This course gives students a wide range of tools to make sense of what America is, has been and can be. Topics include traditional disciplines that help illuminate American culture. Focus is on art, music, literature, history and anthropology. Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Providence  
3 Semester Credits

**ILS2180 Sexuality: Science/Culture/Law**

Sex. It is a seemingly simple term. Whether your birth certificate reads "F" or "M" conjures up a host of assumptions and expectations: acceptable sexual partners, appropriate physical presentation, acceptance of societal norms attached to your designation, and generally how you "fit" in society. One's designated sex at birth was also synonymous with one's gender. Are we beginning to understand, however, that this binary construct, and all its implications, is wrongly limited? Historically, there have been multiple revolutions in the way sex is conceptualized. In biology, evidence has mounted that biological sex and sexual orientation are not synonymous, nor is the notion of a binary gender construct. There is genetic and physiological support for the existence of multiple biological sexes, and that sexual orientation is hardwired rather than a choice or preference. Literature and popular culture have moved from portraying members of the LGBTQI community as a joke to treating it as a serious topic of personal liberation. The law has moved from criminalizing homosexual acts to granting same-sex marriage licenses to extending Civil Rights protection to the transgender community under Title VII. This course explores the links, or lack thereof, between these different developments. Is law more open to sexual variety because of the findings of brain science? Is popular culture more inclusive because of the increased economic clout of the LGBTQIA community? Or did these things occur independently? How do we relate these developments to the post-structural analysis of sexuality, gender and identity? Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

**ILS2205 All Creatures Great and Small: Animals and Society**

Our relationship with animals is complex: We cry when animals die in movies but eat them for dinner; we treat our pets as family members while at the same time place bets on them at the racetrack. This course is designed to allow students to explore our complex relationship with animals in human society by examining the varied meanings assigned to them: food, emotional support, pets, research subjects, symbols and entertainment. Students engage in discipline-specific research related to animals in society, while also expanding their overall interdisciplinary knowledge. Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Online, Providence  
3 Semester Credits

**ILS2213 The Earth in Peril: A Literary and Scientific Analysis**

This course examines environmental issues created by unrealistic views about the earth's capabilities. Relationships among people, environments and natural resources are analyzed through literature and scientific writings. Students examine why and how world views affect the natural world's destruction and preservation. Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Providence  
3 Semester Credits

**ILS2215 Honors Seminar: Literary Environmentalism**

This course examines environmental issues created by conflicting views about the earth's capabilities. Relationships among people, environments and natural resources are analyzed through literature and scientific writings. Students examine why and how world views affect the natural world's destruction and discuss possible theories of preservation. Students contribute to inquiry surrounding the issue of sustainability through research and analysis. Prerequisite(s): ENG0001 or placement, ENG1024, honors or SHARP status, sophomore status.

Offered at Providence  
3 Semester Credits

**ILS2280 Science and Civilization**

This course explores the social, political and historic contexts and implications of several scientific and technological developments through a variety of genres, including textbooks, newspapers and magazine articles, film, music, art, literature and the internet. The goal of this course is to raise student awareness of the global impacts, positive and negative, associated with specific scientific and technological developments, with emphasis on discerning the interconnectedness of those impacts. Through inquiry, research and debate, students develop a better understanding of the unique historical, social, political and cultural contexts in which these scientific and technological developments evolved and the influence these contexts had upon the form of these developments. In addition, students gain a deeper appreciation of the implications of these developments on the present and future.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

**ILS2305 Honors Seminar: Behavioral Economics**

Behavioral Economics is a field of research in the social sciences that brings together the disciplines of economics and psychology. This Honors-level integrated learning seminar utilizes this approach to better understand human behavior. By drawing on both disciplines, students better understand why people frequently make irrational economic decisions and how certain choice contexts can lead to predictably irrational behavior. Students analyze through systematic investigation and experimentation a variety of biases and shortcomings people regularly display in making rational economic choices. Prerequisite(s): ECON1001 or ECON1002, ENG0001 or placement, ENG1024, honors or SHARP status, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ILS2325 Economics of Sin**

This course integrates economic, sociological and psychological principles to examine price gouging, cheating, illegal drugs, sex and gambling. Emphasis is on examining these "sinful" behaviors in the context of moral development and theories of motivation. Students also examine how government seeks to change and penalize such behavior and the consequences of these interventions.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ILS2370 Obesity**

This course considers the now global problem of obesity from biological, psychological and sociological perspectives. Since the 1970s there has been a rapid increase in the incidence of overweight and obese individuals in the United States with 65 percent of adults now overweight. Childhood obesity rates have tripled in the last 20 years, producing the first generation of Americans who are predicted to have a shorter life span than their parents. The obesity epidemic is widely acknowledged in the United States, but in the past two decades, this problem has also spread to developing countries as they accelerate their nutrition transition to more mass-produced and processed foods. The roles of government and business are explored, in influencing access to foods and in defining obesity vs. health. The study of this now global problem is relevant from a personal health perspective as well as a political and economic perspective. Individuals empowered with knowledge can modify their own food environments and that of their children. A well-educated populace may wish to support initiatives to make progress on this societal problem to avoid economic losses in productivity and healthcare costs that will compromise America's competitiveness.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Online, Providence

3 Semester Credits

**ILS2385 Visual Literacy and the Sociology of Perception**

This course studies human perception of the social world from both a communications and sociological perspective. Elements of picture-based media as a means of molding cultural perceptions, social biases and personal views of reality are studied. Through a series of exercises, students critically examine images in art, still photographs, television, advertising, film and documentaries to determine their sociological messages. Using the language of visual literacy and an understanding of perception, students test assumptions about their world.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ILS2390 The XX Factor**

The XX Factor takes an integrative learning approach to gender role development that foregrounds psychology and literature. This approach provides multiple lenses through which to examine current and historical concepts of women's psychological and social development. It prioritizes close textual analysis of gender identity and sexuality as figured in literature across a broad spectrum. The course considers both conformity and resistance to societal biases, stereotyping, and the imposition of gender and sexual norms. In doing so, it promotes critical thinking about the diverse possibilities for women's identities.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

**ILS2435 Leonardo da Vinci: Culture, Art and Math**

This course covers a portion of the movement in Europe known as the Renaissance. It explores the works of one particular man, Leonardo da Vinci, and how his insatiable hunger for understanding impacted the culture of Florence and Milan, Italy. The course begins by examining da Vinci himself and his place in society, then moves on to examine some of his works of art and writings on architectural design and war machines culturally, historically and mathematically.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, MATH1002 (or higher), sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**ILS2440 Logic, Reasoning and Nonsense: How to Tell the Difference**

This course introduces students to logic, a discipline that straddles public policy, philosophy, law and mathematics. Students are empowered to use logic in their personal and professional lives to make informed decisions, identify invalid arguments and debate current topics. Topics include formal structures of thought as they can be readily applied to the organization of thought in written and spoken language. Students identify the logical errors or fallacies that are most frequently made in written and oral discourse.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, MATH1002 (or higher), sophomore status.

Offered at Providence

3 Semester Credits

**ILS2450 The Mathematics of Art**

This course examines the use and appearance of mathematical principles and structures in art, architecture, sculpture and music throughout the history of the Western world. Topics include the Golden Ratio, the Fibonacci Sequence, linear perspective, two- and three-dimensional geometry, and the arithmetic behind music and music composition.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, MATH1002 (or higher), sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

**ILS2460 Science of Superheroes**

This course is designed to give students a unique look at applications of scientific topics as they appear in the worlds of popular culture superheroes. The goal of the course is to promote scientific literacy and research by using popular culture as a scaffold for scientific topics. Students have the opportunity to both question and test the realism of scientific properties that exist in these popular culture worlds. These properties come from the integrated areas of physics and psychology.

Prerequisite(s): ENG0001 or placement, ENG1020 or ENG1024, MATH1002 (or higher), sophomore status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

**ILS4070 Nostalgia, Memory and Hybrid Identity**

This course examines diasporic literature in the context of cultural theory, history, psychology, philosophy and popular culture (such as music, film and art) to better understand the associated cultural negotiations. Students explore the way diasporic literature of the last century has significantly transformed the literary, theoretical and cultural landscape of the U.S, and raised a range of complex issues relating to identity, language, border crossings (geographical, linguistic and gender, etc.) hybridity, and acculturation and resistance. Readings range across such genres as memoir, fiction, essay, drama and poetry to consider how issues of identity and tradition are represented and contested by immigrant writers in the context of displacement and diaspora.

Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.  
Offered at Charlotte, Providence

3 Semester Credits

**ILS4110 Capital Punishment in America**

From the colonization of America to the present, over 18,000 individuals have been executed under lawful and/or territorial authority. This course examines the historical, social, ethical, judicial, legislative and political events that have led to the present patchwork approach to executions in the United States. With an eye toward evaluating the continued efficacy of capital punishment in a 21st-century criminal justice system, attention is given to the rationale and justification for executions from legal, social, political and economic points of view.

Prerequisite(s): ENG1021 or ENG1027, LAW2001 or LAW2005 or LAW3015 or LAW3025, any ILS 2000-level course, senior status.

Offered at Online, Providence  
3 Semester Credits

**ILS4115 Contemporary Approaches to Classical and World Mythology**

This course introduces students to classical and world mythology in order to understand the eternal, timeless nature of universal archetypes and themes while also exploring how they acquire new, contemporary meanings. Students learn to interpret myth using elements of literature as well as through the theories of myth interpretation. From Homer to Harry Potter, emphasis is placed upon analysis of primary readings as well as their interpretations within the context of a variety of disciplines. Class discussions and student writing encourage critical thinking, synthesis and application of the terminology of the study of mythology.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

**ILS4120 Disease and Culture**

This course addresses the question of what constitutes a disease from the perspectives of science and the humanities. Topics include the origins of disease and the effect that disease has had on political events, art and culture, warfare, and the economy of societies both historically and in today's world, and how societies throughout time have attempted, either successfully or unsuccessfully, to address the problem of disease. Students explore the cultural interpretations given to various diseases. Through the examination and analysis of various medical case studies, historical readings and literary pieces, students learn to think critically about how disease has helped to shape the world that we live in and what disease means to them.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

**ILS4125 Honors Seminar: Shakespeare: Studies in the Politics of Performance**

This course explores the direct and indirect ways that performances of Shakespeare's plays engage political debates, challenge social norms, provide historical insights, and encourage audiences to participate in the often subversive experience of playing. The idea that "all the world's a stage" was radical in Shakespeare's day, and continues to be so in ours. Students examine productions of the plays within historical contexts, considering both what they might have signified for their original audiences and how they still speak to us today. Employing a variety of disciplinary perspectives, including theatre arts, students analyze a wide range of productions and their influence on and beyond the stage. The course culminates with students groups proposing politically and culturally engaged stagings of a number of scenes from Shakespeare's plays, accompanied by contextualization and explanation of the production/performance choices.

Prerequisite(s): ENG1027, any ILS 2000-level course, honors or SHARP status, senior status.

Offered at Providence  
3 Semester Credits

**ILS4130 History of Digital Art**

This course surveys the emerging world of digitally originated and exhibited artwork. A wide range of digital art formats are examined, including (but not limited to) 2-D, 3-D, motion, interactive, immersive, sensor-based, internet-based and "gamification." Key art historical influences in the technology of art creation from the Renaissance to the 21st century are explored. Major art periods such as Fluxus, Conceptual, Dada and Post-Modernism are reviewed as they relate to the development and growth of the late 20th-century digital art movement. Students investigate the history and growth of international public art paradigms and practices and their connections to digital art through civic, public and private institutions. Students also examine the relationship between digital art and the industry of creative design and media. Through active visual research of curated digital art pieces students discover a wide array of critically noted digital artists and their work. Finally, students consider the new aesthetics of digital art, comparing and contrasting them to more conventional art formats and exhibition models.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.

Offered at Online, Providence  
3 Semester Credits

**ILS4170 Passion, Power and Principle: Lessons at Play in Shakespeare**

This course employs the still-relevant insights of the Shakespearean canon as a means of understanding and resolving contemporary ethical dilemmas, social tensions and the conflicting demands of citizenship in today's world. Focus is on the resolution of moral dilemmas involving divisions of power, the use of authority, familial obligations and conflicting loyalties. This course takes an integrative learning approach that draws on literature, philosophy (ethics) and history to promote analysis and meaningful comparisons between the problems confronted in the world of Shakespeare's plays (and the society they reflect) and those faced by us today.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.

Offered at Charlotte, Providence  
3 Semester Credits

**ILS4176 Sports in Film and Literature**

This interdisciplinary course focuses on the significant inspiration of athletic endeavors upon the literary and cinematic imagination. Writers of fiction and nonfiction, prose writers and poets have discovered in the athletic experience a useful metaphor to express the purpose and meaning of life. Modern film explores both the realism and romanticism of sports in popular culture. This course is designed to acquaint the student with the essence of games as myth and metaphor and develop an appreciation of the historical context in which the stories are constructed and heard. The interdisciplinary considerations of history and culture allow for a richer understanding and appreciation of sports and sports literature.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ILS4180 Things That Go Bump In the Night: An Interdisciplinary Approach to the Supernatural**

This course explores the deeper meanings of supernatural creatures in works of film and literature from the perspectives of history, science, philosophy, literature and film. The course addresses the question of why certain supernatural creatures (e.g., vampires, zombies, werewolves, ghosts, the demonically possessed, Frankenstein's monster and extraterrestrial creatures) have featured so prominently in human thought, human fears and works of literature and film from antiquity to the present day. In doing so, the course addresses the historical context in which such beliefs have arisen and how they have changed. Students are encouraged to apply interpretive skills to an analysis of supernatural creatures with which they are familiar and to draw connections between the monsters of the 21st century and societal changes and hidden conflicts in the contemporary world.

Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ILS4190 The Problem With Evil**

This course takes an interdisciplinary approach to the examination of evil as a concept that has fascinated and horrified humans throughout history. Through religions, social norms, philosophies and literatures, people have attempted to define evil in order to explain, and make meaningful, aspects of life that seem otherwise incomprehensible or unbearably senseless. The course explores the construction and uses of evil as a defining term, and its impact on nations, communities and individuals. Students read a wide range of texts across broad historical and cultural spectrums, looking for the answers to this question that continues to perplex and captivate us.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ILS4270 Narragansett Bay**

This course investigates the natural history, industrial development, ecological changes and cultural transformations that occurred from pre-Colonial to post-industrial periods in the Narragansett Bay watershed. The course searches policy solutions to guide future development and examines the geological, biological, economic and cultural history of Narragansett Bay. Students explore the arrival and settlement of humans and the effect of human populations in the Narragansett Bay region. The relationship between climate change and the Narragansett Bay region is analyzed.

Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.  
Offered at Providence  
3 Semester Credits

### **ILS4290 Science or Pseudoscience?**

Pseudoscience is any area of beliefs that sells itself as scientific but upon investigation is found to have little or no scientific evidence. Examples include areas such as alternative medicine, astrology and "creation science." This course looks at the basis for how science works and how we distinguish between real science and pseudoscience. This course focuses on the scientific method and how it is used to test claims in any area, but exploration of psychological issues for why people believe strongly in things that are not supported by facts is also examined. Exploration of the difference between science and pseudoscience is done using some of the areas discussed above as well as topics such as organic and GMO foods, climate change and others. The application of the scientific method provides the basis to the evaluation of these fields. Finally, the history of pseudoscience is briefly explored as well as the role that the internet and social media plays in the propagation of pseudoscience.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.  
Offered at Providence  
3 Semester Credits

### **ILS4302 Abuse of Power: Corruption in Contemporary Society**

This course examines how (in the hands of certain individuals and groups and under "favorable" social, political, historical and economic conditions) the abuse of power and corruption impacts lives in all social strata. Students analyze this question and propose research-based recommendations for transforming dysfunctional systems into sustainable and productive models.

Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **ILS4320 (De)Constructing Race and Color**

This course addresses the racialization processes involved in the social construction of the color of race — White, Yellow, Brown, Red and Black — through interdisciplinary studies including the arts, humanities, social sciences, biology, law and education. The course identifies the key parameters of the racialization process (historical subjugation through involuntary immigration and migration, voluntary immigration, prejudice, stereotypes, scientific racism, cultural racism, and systemic) of institutional racism and how various groups in the United States were raced into a color. Students are tasked with thinking about why race matters within educational, economic, political and social institutions. The course involves intentional discourse on the complexity of the color of race through scientific interrogation, analysis and interpretation of the course materials to understand the social construction of the color of race and how race can be deconstructed in the 21st century.

Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.  
Offered at Charlotte, Providence  
3 Semester Credits

### **ILS4340 Global Food Security and Leading Change Locally**

This interdisciplinary course critically assesses the global challenges of food security through classwork and work experience with a local community organization of the student's choosing. Food is explored from a cultural, nutritional, ecological and ethical context while analyzing issues of food production, causes of insufficient supply, nutritional and health implications, and effects on quality of life. Evaluation of political, environmental, technological and economic factors that contribute to the perpetual issue of food insecurity and the social consequences also occurs. The critical issue of the course examines whether access to food is a basic human right and whose responsibility it is to provide societal members with access to nourishment necessary for productivity. These global food security issues are explored by the student theoretically, via traditional classroom meetings, and experientially while working 21 hours with members of a local community organization. During on-site work, students utilize their leadership skills to address a food security issue, designing and completing a substantial agency-based project that serves as a tangible contribution to the overall organization and its ability to support local community members.

Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.  
Offered at Charlotte, Providence  
3 Semester Credits

### **ILS4430 Explorations in Symmetry**

The course introduces the student to the basic concept of symmetry and its important role as a unifying agent in the understanding of mathematics, nature, art, architecture and music. Topics covered include an introduction to group theory, the mathematical language of symmetry, transformations, general symmetry principles and applications.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, MATH1040 or MATH2001 or MATH2010 or MATH2020, senior status.  
Offered at Charlotte, Providence  
3 Semester Credits

### **ILS4490 Statistics of Popular Culture**

This course is designed to give students a unique look at statistics topics applied outside the classroom, specifically in the world of popular culture. Examples of popular culture include but are not limited to movies, television, books, music, sports and video games. These topics are analyzed through a unique guise of combining statistics with sociology. Students should be able to practice what they have learned in basic statistics course(s) to further prepare them to use research design outside of academics.

Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, MATH2001 or MATH2010, senior status.  
Offered at Charlotte, Providence  
3 Semester Credits

## Interdisciplinary Studies (IDST) Courses

### **IDST1001 Introduction to Interdisciplinary Studies**

This interdisciplinary studies course focuses on preparing students to design and plan a major in Interdisciplinary Studies: DYO. Students learn about academic disciplines and the growth of interdisciplinary programs in universities and analyze interdisciplinary research to understand the strategies used in interdisciplinary academic work. In addition, they apply self-assessment, interviews and library research on the uses of interdisciplinarity in the workplace and civic life. Each student creates a potential course of study for an individualized Interdisciplinary Studies: DYO major that addresses a theme, problem or issue.

Offered at Providence

1.5 Semester Credits

### **IDST3100 Interdisciplinary Project Development**

This Interdisciplinary Studies: DYO course focuses on interdisciplinary project development. Students analyze various methods of communicating interdisciplinary ideas in a variety of forms and genres including personal reflection, narrative, scholarly writing, oral presentation, portfolio building, and writing a proposal. Students use research and self-assessment strategies to evaluate their self-designed major and propose any necessary revisions. The course will culminate in the creation of a plan for a senior-year capstone project.

Prerequisite(s): IDST1001, junior status.

Offered at Providence

1.5 Semester Credits

### **IDST4900 Interdisciplinary Studies: DYO Capstone Project**

This course offers Interdisciplinary Studies: DYO students the opportunity to develop and complete a self-designed capstone project. This project is completed in consultation with their faculty advisers. Students engage in independent research, writing, and other appropriate forms of independent engagement with their chosen project.

Prerequisite(s): IDST3100, senior status.

Offered at Providence

3 Semester Credits

## International (INTL) Courses

### **INTL4799 International Internship**

This course is a variable-credit placeholder used to maintain student status while participating in an internship outside of the U.S. as part of an approved JWU exchange or affiliate partner program. Students may complete the internship while participating in the study abroad program or as an extension after completing the coursework.

Offered at Charlotte, Online, Providence

3-12 Semester Credits

## International Business (IBUS) Courses

### **IBUS2002 International Business**

This course is designed to provide structured approaches for analyzing the rapidly evolving field of international business. Topics include the nature of international business, the international monetary system, the foreign environment, and strategies of how management can deal with environmental forces. Selected case studies should encourage students to evaluate and discuss courses of action taken by companies and industries in the global marketplace. Theoretical foundations of international business and real-world scenarios help prepare students to operate more effectively in the changing global business environment.

Prerequisite(s): BUS1001, sophomore status.

Offered at Online, Providence

3 Semester Credits

### **IBUS2031 Global Studies: China**

This course provides an integrative view of Chinese business, economics, politics, culture and history. Students discuss current events and their relevance with respect to international trade and business relations. The interdisciplinary approach challenges students to critically evaluate existing business models for China and provides them with the information and intellectual flexibility that cross-cultural managers need to keep up with the fast pace of business development in the region.

Prerequisite(s): ECON1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **IBUS2032 Global Studies: Pacific Rim**

This course introduces students to the cultural, political, business, trade and economic contexts of the United States' most important trading partners on the Pacific Rim. Students immerse themselves in discussions and workshops that are focused on all business related dimensions of international trade. The course is intended for students who are interested in International Business or are considering business careers that require interdisciplinary skills and the emotional intelligence to navigate a multidimensional global business environment.

Prerequisite(s): ECON1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **IBUS2033 Global Studies: Latin America & the Caribbean**

This course addresses the many characteristics of this region, from wealthy areas to poverty stricken countries. Our southern neighbors are struggling with democratic norms, repression, and economic and business development. Culturally diverse, people of the region have found ways to express themselves through modern and traditional art. Students engage in discussions and projects that challenge them to analyze a variety of business and trade models for this dynamically growing area of the world.

Prerequisite(s): ECON1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **IBUS2034 Global Studies: Russia & Eastern Europe**

This course give students insight into two regions that despite economic modernization and democratization have yet to catch up to the living standard of their western neighbors. Russia and Eastern Europe are facing challenges that are — in part — created by their vast geographical expanse, diverse cultures and struggles to leave communist political, economic and business structures behind. Students work with case studies and engage in project work to analyze dynamically evolving business and trade opportunities.

Prerequisite(s): ECON1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **IBUS2036 Global Studies: Africa & the Middle East**

This course enables students to undertake interdisciplinary research of African and Middle Eastern business, economic development, politics, culture, art and history. As a foundation, students gain insight into the geographic, demographic and socio-economic characteristics of the region. Rigorous discussion addresses the problems of economic development, with emphasis on economic growth, international trade, and structural change. In case studies using recent business scenarios, students analyze current problems and propose strategies that might address them. Projects help students focus on how to expand business relations to the region.

Prerequisite(s): ECON1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **IBUS3040 International Culture and Protocol**

This course focuses on cultural diversity. Students gain knowledge of international cultures and protocol, which are the critical building blocks of success in conducting business internationally. The ability to build bridges between people from different countries and with different ethnic backgrounds is emphasized in this course.

Prerequisite(s): BUS1001, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **IBUS4055 International Resource Management**

Slow economic growth and sovereign debt mark an era of economic and managerial reorientation and renewal. Students explore the opportunities of efficient resource use and innovation as a creative response to changed international economic and trade conditions. The course analyzes environmental realities on five continents and uses methods of environmental economics and business management to explore the effects of trade patterns and their impact on the quality of life internationally. Alternative approaches to energy production, trash management, and other resource relevant issues are discussed. Students completing this course have a better understanding of the new, post-material economy and its demands on individual and managerial change.

Prerequisite(s): ECON1002 or IBUS2002, senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **IBUS5511 Global Economic Environments**

This course presents various theories and practices of globalization, international trade, importing, exporting, finance and international risk assessment. Topics examined include globalization, absolute and comparative advantage, tariffs, non-tariff barriers to trade, importing and exporting, regional trade agreements, trade policies for developing nations, immigration, foreign investment, and the effect of public policy on international trade. In addition, students gain insight into the ethical, international and multicultural dimensions of organizational behavior.

Prerequisite(s): Completion of required foundation courses.

Offered at Online, Providence

3 Semester Credits

### **IBUS6020 Global Business Negotiations**

This course is designed to provide students with the theory and practice of international business negotiation that would allow them to conduct talks successfully in a variety of international settings. It exposes students as managers to a broad spectrum of business negotiation issues across the board and assists them to feel comfortable in an interactive international trade environment. A basic assumption of the course is that the contemporary manager handling business internationally is required to have both analytic and interpersonal skills to conduct full-fledged negotiation effectively and successfully. This course is designed to give students the opportunity to develop these types of negotiation skills through a learning experience. Every class deals with an aspect of negotiation in-depth, explains various key notions, discusses home-assigned readings, and investigates important issues that have been brought up with regard to the way prospective managers handle negotiation.

Offered at Online, Providence

3 Semester Credits

## Language (LANG) Courses

### **LANG1100 Special Topics: Languages**

This course offers students the opportunity to study Spanish, French or German in levels one, two or three. These courses introduce students to varying levels of language study and are designed to further develop conversational ability by expanding both the vocabulary and exposure to various cultures.

Offered at Providence

3 Semester Credits

## Law (LAW) Courses

### **LAW2001 The Legal Environment of Business I**

This course provides an overview of the legal, regulatory and ethical environment in which business decisions must be made. Students are exposed to a variety of legal topics; basic concepts, such as court procedures, contracts and torts, are followed by a selection of more advanced related fields which may include sales, intellectual property, real property law, constitutional law and alternative dispute resolution. Attention is paid to both the letter of the law and its practical effect on business decision-making. This course relies on, and develops, the student's ability to read and reason critically.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **LAW2005 Hospitality Law**

This course provides an overview of the legal and regulatory environment in which business decisions must be made within the hospitality industry. The course exposes the student to a variety of basic legal topics such as contracts and torts which are followed by a selection of more advanced related concepts which may include service of food and alcohol, innkeeper-guest relations, liability for the personal property of others and employment relationships. Attention is paid to both the letter of the law and its practical effect on business decision-making. This course relies on, and develops, the student's ability to read and reason critically.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **LAW2850 Media Law**

This course introduces students to foundational legal principles that inform the work of media professionals such as entrepreneurial content creators, public relations specialists, and journalists. Students study the legal system generally and gain exposure to the constitutional, statutory and regulatory environment wherein lawful communications are distinguished from those that violate the law. To understand the judicial process, students engage with such relevant common law torts as defamation and invasion of privacy, exploring the potential for liability and the nature of court-imposed damages. In addition, an examination of the constitutional right to freedom of expression under the First Amendment offers students the framework under which governing statutory law and administrative regulations may permissibly occur. Coverage of copyrights and trademarks, journalistic privilege, obscenity, and media ownership provides the context for appreciating the tensions between government regulation of media and the First Amendment. Throughout the course, students rely heavily on their developing ability to think critically and communicate clearly about complex issues.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Providence

3 Semester Credits

### **LAW3002 The Legal Environment of Business II**

This course is a continuation of LAW2001, The Legal Environment of Business I. Students are exposed to the laws governing the internal organization and relationships within a business, the laws governing relationships between a business entity and its clientele, and the laws governing relationships between a business and its employees. Attention is paid to both the letter of the law and its practical effect on business decision-making and managerial policy. This course relies on, and develops, the student's ability to read and reason critically.

Prerequisite(s): LAW2001 or LAW2005, sophomore status.

Offered at Online, Providence

3 Semester Credits

### **LAW3010 Business Law for Accountants**

This course provides the Accounting major with an understanding of the legal framework within which accountants must operate. The course concentrates on the following topics: business organizations, professional responsibilities, contracts, government regulation of business, the Uniform Commercial Code (Articles 2, 3 and 9) property and debtor-creditor relationships.

Prerequisite(s): LAW2001.

Offered at Providence

3 Semester Credits

### **LAW3015 Criminal Procedure**

This course presents an overview, analysis and critique of American criminal procedure in the context of the U.S. Constitution, with special emphasis on the Fourth Amendment with respect to search and seizure, stop and frisk, arrest, evidence, interrogations, confessions, identification, and remedies such as the exclusionary rule. Other constitutional issues relevant to the foregoing, including the Fifth and Fourteenth Amendments' due process and equal protection doctrines, shall be examined.

Offered at Online, Providence

3 Semester Credits

### **LAW3025 Criminal Law**

This course is an introduction to the basic elements of, and defenses to, criminal liability. Topics include the basic crimes against the person (homicide, assault, battery, rape, etc.), the basic crimes against property (larceny, fraud, embezzlement, burglary, etc.), and the basic defenses and justifications (diminished capacity, self-defense, mistake, etc.).

Offered at Online, Providence  
3 Semester Credits

### **LAW3055 International Business Law**

This course introduces the student to the principles of public and private international law. It addresses the legal problems of doing business in developed, developing, and non-market economy countries, together with the economic and political issues that commonly arise.

Prerequisite(s): LAW2001.  
Offered at Online, Providence  
3 Semester Credits

### **LAW3065 Employment Law**

This course acquaints students with the different legal rules governing the employer/employee relationship. Topics include employment discrimination, sexual harassment, employment contracts, labor relations, Fair Labor Standards Act, The Americans with Disabilities Act (ADA), OSHA and vicarious liability. There is heavy emphasis on discussion and written work.

Prerequisite(s): LAW2001 or LAW2010.  
Offered at Online, Providence  
3 Semester Credits

### **LAW3080 Cyberlaw**

This upper-level course confronts students with the changes and adaptations of U.S. law resulting from the ascendancy of computers and the Internet. Fundamental common law and statutory assumptions about the nature of person, place, thing and action are called into question by data transactions between computer memories, unprecedented wealth concentrated in the development and distribution of software, widespread access to large quantities of data with minimal quality control, and the blurring of geographical boundaries. Students examine how contract formation, defamation, obscenity, copyright, trademark, privacy and other legal issues have been changed by technology and the online world.

Prerequisite(s): LAW2001.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **LAW3610 Cannabis Law**

This course examines the legal issues specific to the cannabis industry, particularly businesses engaged in the cultivation, sale and/or distribution of cannabis and its derivatives. Covered topics include the different legal frameworks existing between the federal government and the states, the legality of THC products (cannabis, CBD oil, hemp, etc.), medical marijuana versus recreational marijuana (including edibles), relevant intellectual property regulations, and the taxing systems imposed on marijuana-related businesses.

Prerequisite(s): LAW2001, sophomore status.  
Offered at Providence  
3 Semester Credits

### **LAW5410 Food Law and Policy**

This advanced course examines legal rules, especially federal statutes and regulations, that impact the production, processing, transportation, labeling, advertising and sale of food. These legal tools touch on a wide variety of food-related concerns, including but not limited to genetically modified and organic food, labels and advertising, obesity and malnutrition, food equity and animal welfare, and environmental practices. Special attention is paid to the power of government to regulate various aspects of food, and to the limitations on that power.

Prerequisite(s): LAW2001 or LAW2005.  
Offered at Online, Providence  
3 Semester Credits

### **LAW6000 Law for Accountants**

This course offers the student a practical approach to understanding the complexity in the area of law and the implications upon the accounting profession. Discussion centers on the study of business organizations, contracts, bankruptcy, wills and estates, antitrust, employment law and products liability. Emphasis is placed on the legal liability of the accountant and professional responsibility. Students gain an understanding that the accounting profession is a self-regulating industry whereby theory and reporting requirements are initiated, developed, implemented and enforced by the accounting profession.

Prerequisite(s): LAW2001 or LAW2010, completion of required accounting prerequisite and foundation courses.  
Offered at Online, Providence  
3 Semester Credits

## **Leadership Studies (LEAD) Courses**

### **LEAD1010 Foundations of Leadership Studies**

This course draws upon a variety of research-based theories and applications germane to the study of leadership. Theoretical paradigms of motivation are discussed and applied to communication styles, decision making, risk taking, team building, conflict resolution, negotiation, diversity and inclusion. Leadership traits, leadership styles and roles are examined in the context of ethics, power and social responsibility.

Offered at Charlotte, Online, Providence  
3 Semester Credits

### **LEAD2012 Power and Leadership**

This course provides an overview of the nature and types of power and their connections to leadership. Relationships between concepts and practices of power, and their role and influence across a number of spheres, settings, roles and relationships are explored. Since issues of power present unique challenges in today's complex, networked and digitized world, special attention is given to the topics of supportive communication, relationship building, organizational politics and the effective management of power relations.

Prerequisite(s): LEAD1010 or SOC1001 or SOC2005.  
Offered at Online, Providence  
3 Semester Credits

### **LEAD3020 Creative Leadership**

The objective of this course is to develop and enhance one's own creativity, allowing each individual the opportunity to become a more productive leader of tomorrow. Extensive classroom participation and a variety of activities allow each student to experience personal growth and influence the growth of others. For Providence Campus students, the course may only be offered virtually or online. Students should consult with their academic advisor regarding course availability and for planning.

Prerequisite(s): LEAD1010 or SEE2015.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **Liberal Studies (LIBS) Courses**

### **LIBS4900 Liberal Studies Capstone: The Great Conversation**

This seminar draws on coursework from the Liberal Studies major and synthesizes it in the form of a research-based project on an original topic. Projects focus on substantive issues that explore the seminal works of Western civilization and the questions that they raise: Where did we come from? What does it mean to be free? What is justice? What is truth? What does it mean to be virtuous? Students explore substantive areas of scholarship and creative works throughout history encompassing philosophy, politics, science, religion, literature, film, music and the arts. Through problem-based learning, students develop the characteristics of self-reliant thinkers and learners and demonstrate their capacity to cultivate a rich intellectual experience.

Prerequisite(s): Senior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## Literature (LIT) Courses

### **LIT1020 Introduction to Literary Genres**

This survey course prepares students to read, analyze and write about the major literary genres: poetry, fiction and drama. Students are exposed to a variety of forms and styles in each genre from a wide range of historical periods. Literary selections represent a diverse group of classic and contemporary writers, poets and playwrights.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **LIT2030 African-American Literature**

This course examines African-American literature in a variety of genres from its conception in the days of slavery to contemporary times. Emphasis is on the historical and social significance of major works of African-American literature as well as the unique artistic contributions of African-American authors to the American literature canon. Literary movements are examined in their historical, political, intellectual and social contexts through a number of contemporary theoretical perspectives.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Providence

3 Semester Credits

### **LIT2090 Multi-Ethnic Literature**

This course introduces students to fiction, autobiography, poetry, drama and many other forms of literature by writers from many racial and ethnic backgrounds including African American, Asian American, Latino, Chicano, American Indian and more. Emphasis is placed on the historical context in which the writings have evolved as well as the problems encountered by these various cultural groups as they intersect with American culture. Through reading the literature of many cultures and countries, students search for the common themes that unite humanity across the globe.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Providence

3 Semester Credits

### **LIT2415 Disease in Film and Literature**

This course focuses on the intersection between disease and the arts, exploring how literature and film reflect and shape our understanding of the human condition through illness as well as the constantly evolving relationship between patient and healer. Students also examine how issues of race, culture, gender and class are represented in text and film, both historical and otherwise, in narratives of illness and treatment. Students consider to what extent classic and contemporary narratives construct and deconstruct the boundaries of empathy and compassion.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Providence

3 Semester Credits

### **LIT3001 Studies In Drama**

This is an introductory course in the history of drama. Critical analyses of literary elements are conducted in the context of genres from the ancient Greeks to contemporary drama. Both written works and performances are examined and analyzed.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Providence

3 Semester Credits

### **LIT3015 Food In Film And Literature**

This reading, screening and discussion-intensive course explores representations of food in both literature and film. Students examine how narratives are framed, how characters are developed, and how reoccurring themes of food are used symbolically and metaphorically. Utilizing a wide range of influential texts and select films, our inquiry includes extensive analyses of the role that food plays in contributing to the development of our cultural and personal identities as well as creating and maintaining communities. The readings and films provide a comprehensive overview of different time periods to allow for analyses of themes such as gluttony, desires and appetites, and celebrations of nature's bounty among many others.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **LIT3018 Honors Seminar: The Languages of Food: Culture and Media**

This reading and writing-intensive honors seminar traces the use of food as both subject and metaphor in literature and film throughout the ages. The first half of the course examines the relationships between food and philosophy, food and politics, and food and history as portrayed through a wide variety of literary and film genres. The second half of the course focuses on analytical comparisons of food-centered texts and their film adaptations. Through discussion of course readings and screenings, students develop an analytical perspective on the study of food in film and literature that they apply to a research project of their own design.

Prerequisite(s): ENG1027, honors or SHARP status, sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

### **LIT3030 Studies In Poetry**

This course prepares the student to read, analyze, and write about poetry from different critical perspectives. Students study representative poets and are exposed to a variety of forms and techniques of poetry from the Middle Ages to the contemporary.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **LIT3180 The Graphic Novel**

This course serves as an introduction to critical methods in popular culture studies, with a focus on the graphic novel as cultural product and practice. Students explore the role graphic design plays in storytelling, as well as the ways in which meanings emerge in several celebrated texts of the graphic novel genre. Through diverse theoretical perspectives, students explore notions of identity, character interaction, intertextuality, comic art and caricature within both fictional and autobiographical works.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **LIT3220 Masterpieces of American Literature**

This course surveys American literature from its pre-Colonial origins through contemporary times. Literary movements are examined in their historical, political, intellectual and social contexts through a number of contemporary theoretical perspectives. Students engage with major issues, past and present, as constructed and revealed through literary texts. Students study representative authors, poets and playwrights working in a variety of forms, styles and genres. Special attention is paid to the formation of the American literary tradition.

Prerequisite(s): Sophomore status.

Offered at Providence

3 Semester Credits

### **LIT3240 Masterpieces in British Literature**

This course surveys British literature from ancient through contemporary eras. It examines literary movements in their historical, political, intellectual and social contexts through a number of contemporary theoretical perspectives. In doing so, it engages major issues past and present as constructed and revealed through literary texts. Students study influential works from diverse authors such as Chaucer, Spenser, Milton, Behn, Keats, Kipling, Wilde, Gaskell, Yeats, Joyce, Woolf and Lawrence (among others), who present a range of views on gender, class, race, religion, politics and other controversial subjects.

Prerequisite(s): Sophomore status.

Offered at Providence

3 Semester Credits

### **LIT4010 Science Fiction**

This course analyses the evolution of science fiction from its early origins to the present. Fantastic and futuristic elements of plot are examined as social commentary. A variety of styles in several genres include traditional science fiction, fantasy, horror and cyberpunk.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Providence

3 Semester Credits



### **LIT4040 Shakespeare**

This course presents an introduction to the world of William Shakespeare by examining the historical contexts of his work, his life and his theatre. Works read and analyzed during the course are representative of Shakespeare's achievements in history, tragedy, comedy and poetry. Students trace Shakespeare's continuing relevance and influence on modern art and thought.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Online, Providence

3 Semester Credits

## **Management (MGMT) Courses**

### **MGMT2001 Human Resource Management**

Human Resource Management (HRM) is the strategic approach to the management of people in an organization. Organizational Behavior (OB) is the way people think, work and behave in an organization. The field of HRM is reliant on OB; it considers the behavior of individuals and groups within organizations and explores how to effectively lead employees to achieve the organization's goals. This course provides students with knowledge, skills and understanding of HRM and OB to prepare them for using organizational behavior knowledge to practice effective management of human resources (employees). Topics in HRM include job design, recruitment, selection, training and development, performance appraisal, compensation, compliance with employment regulations and laws, labor relations, and strategic human resource management. Topics in OB include motivation, learning, and organizational culture.

Prerequisite(s): BUS1001 or EVNT1001 or FSM1001 or HOSP1001 or SEE1001 or SPM1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT2020 Organizational Behavior**

This course prepares students for changing workplace dynamics and individual and group behaviors in organizations. The course also provides a foundation for business students to understand the strength in diversity and how to respect individuality while encouraging belonging. In this course, students explore diversity, equity, inclusion and belonging, as well as countering bias. Students also explore teams, decision-making, providing/receiving feedback, negotiating, communication, leadership, and personality/dispositions.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT2030 Operations and Supply Chain Management I**

This course provides an overview of the fundamentals of operations and supply chain management in the manufacturing and service sectors. The course reflects the changing face of operations from an internally focused supportive function to a strategic part of the enterprise value chain. Topics include the supply chain model, product and process design, project management, process analysis, total quality management, and sustainability.

Prerequisite(s): BUS1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT3005 Workforce Planning and Deployment**

This course explores the human resource processes of workforce planning, including sourcing, recruiting, hiring and retaining and mobilizing talent within the organization. Subtopics include developing and evaluating sources of talent, succession planning, and the legal environment's impact on such managerial actions.

Prerequisite(s): MGMT2001.

Offered at Online, Providence

3 Semester Credits

### **MGMT3015 Labor Relations**

This course explores labor relations within organizations and the processes used to clarify and manage relationships with employees, specifically in unionized environments. Emphasis is on assessing how union, governmental and workforce policies, practices, history and functions relating to labor management in the public and private sectors affect business and human resource management.

Prerequisite(s): MGMT2001.

Offered at Online, Providence

3 Semester Credits

### **MGMT3030 Managerial Technology**

This course surveys the relationship of technology with the managerial process, strategic competitiveness, operational effectiveness and the business enterprise. The course explores technologies typically available to business managers, and how those technologies can be leveraged to increase organizational and professional success. Students are also exposed to approaches and managerial practices through demonstrations, case studies, simulations and experience-based exercises.

Prerequisite(s): FIT1040, MGMT2030.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT3035 Operations and Supply Chain Management II**

This course expands on students' knowledge of operations and the supply chain by introducing students to qualitative and quantitative methodologies used by operations and supply chain professionals. The course covers key concepts in the areas of forecasting, capacity, utilization, scheduling, inventory management, and planning including MRP and ERP. Students apply these concepts and their associated methodologies to common problems faced by organizations.

Prerequisite(s): MATH2001, MGMT2030.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT3040 Process and Quality Management**

This course thoroughly examines the concept of quality management as well as tools and approaches used to manage quality improvement efforts in organizations. Students are exposed to the theoretical and practical issues to prepare them to initiate quality and process improvements in their business careers, suitable for operations management and other functional professionals.

Prerequisite(s): MGMT2030, MATH2001.

Offered at Online, Providence

3 Semester Credits

### **MGMT3045 Logistics**

This course acquaints students with the basic concepts of product distribution and the terminology used in the logistics field. The course recognizes the changing face of logistics from an internally focused supportive function to a strategic part of the enterprise value chain. Students learn the process of planning effective product distribution and discuss methods of transportation and traffic management techniques. Emphasis is on the following major areas: the supply chain model, product and process design, project management, inventory and inventory management, warehouse management, global logistics and sustainability and risk management.

Prerequisite(s): MGMT2030.

Offered at Online, Providence

3 Semester Credits

### **MGMT3050 Compensation, Benefits and Total Rewards**

This course explores the dynamic profession of compensation, benefits and total rewards management. Topics are explored through the perspective of the human resources professional, which provides a view of the ever-changing world of employee reward development, government and regulatory changes, and expectations of both the employer and employee in a competitive business arena.

Prerequisite(s): MGMT2001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT3055 Procurement**

This course acquaints students with the basic concepts of purchasing and supply chain management. Emphasis is on the organization and operation of the procurement department, principles and procedures in purchasing processes, strategy, and planning (ERP, MRP, WMS, etc.). This course covers price considerations, quality, commodity management/sourcing, the negotiation process, legal aspects in purchasing, social responsibilities/ethics, supplier selection, supplier management and e-commerce/technology management.

Prerequisite(s): MGMT2030.

Offered at Online, Providence

3 Semester Credits

### **MGMT3060 Training and Development**

This course explores training and development in a competitive global business environment. The course reviews research findings that support training and development as an essential component of effective business performance. Students explore the relationship between business strategy and strategic training and development, as well as the relationship between learning theory and effective training and development. Students design and deliver training in the classroom setting.

Prerequisite(s): MGMT2001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT4020 Strategic Management**

This course provides students with the fundamentals of business strategy. The first part of the course addresses environmental analyses and the tools used to assess these environments. The second part of the course addresses the different strategies a firm may choose at both the firm- and business-unit level, and how the chosen strategic position is strengthened through internal alignment. The third part addresses the theories behind developing sustainable competitive advantage. Leadership and corporate ethics are also discussed.

Prerequisite(s): Senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT4030 Senior Business Capstone**

This capstone course requires students to synthesize knowledge gained from previous coursework in business strategy, operations, finance, production, marketing, information technology, human resource management and corporate social responsibility to make decisions in a simulated business environment.

Prerequisite(s): MGMT4020, senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MGMT4050 Contemporary Issues in Operations and Supply Chain Management Strategy**

This course examines the operations and supply chain function as an organization's source for developing a sustainable, competitive advantage. The concept of operations is viewed from the perspective of the firm's entire value chain. The impacts of technology, globalization and contemporary issues are examined in depth. Through the use of business cases and/or simulations, students apply operations management techniques and tools to determine strategies and make operational and supply chain decisions.

Prerequisite(s): BUS3010 or MGMT4020, senior status.

Offered at Online, Providence

3 Semester Credits

### **MGMT4140 Human Resource Management Seminar**

This seminar course focuses on emerging areas within the field of human resource management and the strategic deployment of human capital to support organizational strategy. Students research and examine these areas within the context of strategic and human resource management. Students then apply concepts from earlier coursework and assess the emerging area while identifying the appropriate changes within the human resource management practices to support day-to-day operations.

Prerequisite(s): MGMT3050, MGMT3060, junior status.

Offered at Online, Providence

3 Semester Credits

### **MGMT5323 Communication and Conflict Resolution**

This course examines the underlying sources of conflict in professional settings and interactions, and how mindful, productive communication helps to minimize both tension and anxiety in communication exchanges. This course introduces daily organizational conflicts and how they impact organizational performance and outcomes. Students assess how communication can effectively alter their perceptions of conflict and how it can be used as a positive force for change and growth. Additionally, students diagnose a significant conflict in their own professional lives and develop an effective communication plan that eliminates workplace conflict that impacts the organization's overall effectiveness.

Prerequisite(s): COMMS200.

Offered at Online, Providence

3 Semester Credits

### **MGMT5350 Talent Development**

This course examines the specific elements that go into the identification of organizational talent and the methods by which that organization attracts, develops, engages and retains quality employees. Strategies to improve required competencies, encourage professional development and maintain the motivational levels of high-performing employees are also discussed.

Offered at Online, Providence

3 Semester Credits

### **MGMT5575 Operations Management**

This course provides students with a broad introduction to the field of operations management in a realistic and practical manner. The course blends accounting, industrial engineering, management science and statistics to assist in solving real-world operations management problems. The course integrates case studies in many of the operations management areas of study, such as product design, quality, globalization and inventory control.

Prerequisite(s): EMG5010 or RSCH5700 or RSCH5800.

Offered at Online, Providence

3 Semester Credits

### **MGMT5800 Effective Leadership**

This course reviews how mid- to upper-level managers can become effective leaders by drawing on knowledge of the major concepts, theories and skills used in the field of organizational behavior. A major focus of this course is on developing leadership diagnostic and problem-solving skills through numerous analyses of situations that mid- to upper-level executives are likely to encounter and require their attention. Throughout this course, particular emphasis is placed on the ethical, international and multicultural dimensions of organizational leadership. Students conduct research on selected topics in the fields of leadership and organizational behavior. Students also participate in a wide variety of self-assessment exercises that will help them better understand what they need to do next to become more effective leaders.

Offered at Online, Providence

3 Semester Credits

### **MGMT5850 Women and Leadership in Society**

This course is designed to offer students a critical analysis of interpersonal, social and cultural barriers related to women and leadership positions/roles within organizations in the US. Through a review of selected autobiographical stories of female leaders and historical data that explains the challenges faced by women within society, students develop a greater understanding of issues related to female leaders. In addition, students study the existing biases and expectations found in current organizations in order to identify ways to reduce the gender divide within their organizations.

Prerequisite(s): MGMT5800.

Offered at Online, Providence

3 Semester Credits

### **MGMT5885 Workplace Emotional Intelligence**

In today's business world, communication skills that demonstrate clarity and conciseness are often considered among the most valuable to possess. However, another kind of communication skill has become significantly important in contemporary organizational life. Emotionally intelligent communication is the ability to read individuals and successfully gauge their emotional tenor as they deal with others in a variety of workplace challenges. This course examines what emotionally intelligent and mindful communication is and how the practice of bringing presence to everyday work communications can be applied to numerous business interactions. The benefits and challenges associated with this kind of communication are also explored. Lastly, students are introduced to a number of tools and techniques that can enhance their mindful approach to communication and help build the interpersonal relationships critical to organizational success.

Prerequisite(s): MGMT5800.

Offered at Online, Providence

3 Semester Credits

**MGMT5900 Ethics, Corporate Social Responsibility and Law**

This course challenges students in making difficult and necessary ethical choices on the basis of limited information and frequent conflicting values. In their future roles as professionals in a chosen field, students face moral temptation and ethical dilemmas that resist easy answers or simple formulas for action. A major goal of this course is to develop an analysis of the important role of all stakeholders in a corporation. The firm's interaction with its environment, navigation through national and international laws reconciling various legal obligations, and impact as it discharges its responsibility to the world and local community is extensively shared through case studies and community service projects.

Prerequisite(s): Completion of required foundation courses or EMGT5010, EMGT5020.

Offered at Online, Providence

3 Semester Credits

**MGMT6030 Entrepreneurship**

This advanced management course enables students to gain competence in the specific techniques used by successful entrepreneurs. This course examines entrepreneurial myths and realities, as well as the concept of corporate entrepreneurship.

Prerequisite(s): MGMT5800, RSCH5700 or RSCH5800.

Offered at Online, Providence

3 Semester Credits

**MGMT6056 Contemporary Leadership Issues and Strategies**

Building on concepts and skills acquired in the core leadership course (MGMT5800), this is an advanced leadership course that explores in depth the topic of how to deal with the multifaceted nature and challenges of contemporary leadership. Key themes in this course include identifying contemporary leadership issues and exploring the pros and cons of using different strategies to address these issues. Primary emphasis is on learning techniques that students can use to continue to develop their leadership skills as they progress in their respective careers. Employing a seminar/workshop format, students are required to research strategies for dealing with important contemporary leadership issues that they will pursue in depth and then present to the class. By the conclusion of this course, students are required to describe in writing the particular strategies, skills and sensibilities that they will need to continue to develop in order to fully realize their potential as leaders.

Prerequisite(s): MGMT5800, RSCH5700 or RSCH5800.

Offered at Online, Providence

3 Semester Credits

**MGMT6150 Coaching and Consultation Skills**

This course examines the theories that undergird the practices of executive coaching and organizational consulting. Topics covered include coaching and leadership principles, relevant competencies and communication skills, and contemporary ethical and legal issues. Students investigate applicable assessment tools and resources to apply effective ethical and professional principles of coaching and consulting to practice through the analysis of economic, market and competitive forces that impact business strategy and performance.

Offered at Online, Providence

3 Semester Credits

**MGMT6210 Project Management**

This course covers all knowledge areas in the project management body of knowledge (scope, schedule, budget, risk, procurement, communication, human resources and quality) and combines theory with practice. Students analyze real-world project scenarios and apply concepts of knowledge areas, tools and techniques to create concrete project management artifacts and solve typical problems that arise in business. This course provides industry best practices and current trends, going beyond the standard project management textbook material. Students work in teams to experience project management situations and practice leadership, communication and negotiating skills.

Prerequisite(s): EMGT5010 or MGMT5800.

Offered at Online, Providence

3 Semester Credits

**MGMT6225 Team Dynamics**

In today's world, teams are a keystone of work life and managing change. The process of establishing and leading effective teams involves thoughtful attention to diverse personalities, perspectives and skill sets in addition to many other sociocultural factors. This course analyzes the impact of individual, group and organizational variables on team dynamics, and vice versa. Students critically discuss key theories, research and principles on teamwork and apply them to address an array of problems faced in modern actual and virtual team settings through case studies, as well as group and individual projects.

Offered at Online, Providence

3 Semester Credits

**MGMT6310 Designing & Managing Supply Chains**

This course examines the logistics management and components, design and operations, and administration and risk of supply chains, including technology. Areas covered include supply chain theory and practice, logistics and planning, procurement and buying, information management, inventory management, transportation infrastructure, network and operations design, and performance and risk measure. Upon completion of the course, students have an overall understanding of how to build and operate an efficient supply chain and understand the individual components of the chain.

Prerequisite(s): MGMT5575.

Offered at Online, Providence

3 Semester Credits

**MGMT6320 Global Strategic Sourcing**

In this course, students learn to design, build, evaluate and manage a global sourcing network for a business. Focus includes theories of how strategic global sourcing benefits the firm including make/buy analysis, supplier evaluation and other key aspects. The majority of the course examines the components of global sourcing networks and how to build and combine these components into a full strategic sourcing supply model.

Prerequisite(s): MGMT5575.

Offered at Online, Providence

3 Semester Credits

**MGMT6330 Global Logistics**

This course examines the practice of global logistics. Students learn the aspects of current logistical practices, how logistics incorporates information technologies, the impact of logistics on financial measures of the firm, and how logistics are used in inventory management, facility location, warehouse operations and transportation management. Focus is on logistics in the global market; special attention is given to the application and understanding of international issues in the field.

Prerequisite(s): MGMT5575.

Offered at Online, Providence

3 Semester Credits

**MGMT6340 Lean Production and Quality Control**

This course examines various quality control techniques and methods with a concentration on achieving lean efficiency in all areas of operations. Areas covered include lean thinking, value-stream mapping, Gemba Kaizen, continuous process improvement methods, Kaikaku methods, work flow analysis, and error proofing operations and supply chains. Upon completion of the course, students are prepared to take the Lean Bronze Certification Exam.

Prerequisite(s): MGMT5575.

Offered at Online, Providence

3 Semester Credits

**MGMT6440 Project Management Simulation I**

This course is the first of two courses designed to be an advanced successor to MGMT6210. It allows students to apply their knowledge of project management to real-world projects in a simulated environment. Students are assigned projects at the beginning of this course and then create all of the required project management artifacts. They manage change and measure results of the deliverables throughout the term. Project "updates" are submitted each week and reviewed by the instructor (project sponsor). This first of two courses closes with the project sponsor changing scope of the project.

Prerequisite(s): MGMT6210.

Offered at Online, Providence

3 Semester Credits

### **MGMT6450 Project Management Simulation II**

The second of two advanced courses, this course allows students to apply their knowledge of project management to real-world projects in a simulated environment. This course continues to build on the project assigned in Project Management Simulation I by adding the business components of human resource management, communications management and procurement management after the initial scope was modified at the conclusion of Project Management Simulation I. The course concludes with project closure procedures while continuing to manage change and measure results of the deliverables at the end of the term. Project “updates” are submitted each week and reviewed by the instructor (project sponsor).

Prerequisite(s): MGMT6440.

Offered at Online, Providence

3 Semester Credits

### **MGMT6800 Business Policy and Strategy**

This interdisciplinary capstone core course focuses on how to create, identify and manage competitive advantage within an organization. Students are encouraged to use skills and insights developed during prior coursework as they strategically analyze contemporary business issues and cases.

Throughout the course, particular emphasis is placed upon developing both a strategic perspective and a global viewpoint. Students formulate strategies and tactics that are appropriate for the different organizations under consideration. Readings, exercises and class discussions focus on real-world examples of strategic issues that students are likely to encounter as managers of organizational units. Tools and techniques for performing strategic analyses and stimulating innovative problem solving in a highly competitive global environment are covered in detail. Students complete a major comprehensive project that is graded collaboratively.

Prerequisite(s): Completion of required core courses in which one of the following may be taken concurrently: FISV5720, IBUS5511 or MGMT5575.

Offered at Online, Providence

3 Semester Credits

### **MGMT6810 Graduate Seminar in Strategic Management**

This elective seminar offers a review and discussion of the contemporary literature on management and strategy using source documents from the most recent professional publications and academic research. Students conduct and present in-depth analyses of selected topics in management science, including relevant research from organizational and social psychology. Through readings and discussions, students become familiar with evidence-based approaches that can lead to better decision-making processes. The wisdom of many management fads and conventional wisdom are questioned through examinations of the research in those areas.

Prerequisite(s): MGMT6800 (or concurrent).

Offered at Online, Providence

3 Semester Credits

## **Marketing (MRKT) Courses**

### **MRKT1001 Marketing Foundations**

In this course, students learn the dynamic role that advertising, marketing, media and branding play in today's business, retail and public sector environments. Emphasis is placed on all aspects of integrated marketing communications and understanding the relationship between the brand and the consumer. Marketing fundamentals across multiple forms of media are explored in this course. Industry best practices and innovative marketing strategies are analyzed across digital and traditional forms of media.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MRKT1002 Consumer Behavior**

Consumer behavior is a social science that applies sociology, psychology and marketing to examine the motivations and influences of purchase behavior. Students examine the various facets of the consumer decision process, including need recognition, consideration, conversion, purchase and post-purchase evaluation and digital aspects of the consumer decision journey.

Prerequisite(s): MRKT1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MRKT1011 Key Account Management**

Students learn about buying processes and personalities, and how to target, prospect, approach and interview customers in order to determine unmet needs and potential opportunities. Consultative selling, learning about the customer before talking about the product, is explored in this course. Students learn through role-plays and skills-based training to build relationships with customers and other business partners in a relationship-oriented world.

Offered at Online, Providence

3 Semester Credits

### **MRKT2050 Market Research and Consumer Insights**

This course provides students with a broad overview of market research methods and the role of research in developing consumer insights. Through both qualitative and quantitative research techniques students familiarize themselves with the appropriate uses and limitations of marketing research. Students increase their understanding of various marketing research techniques and gain insights into data-driven decision-making.

Prerequisite(s): MRKT1001, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MRKT3002 Brand Design**

This is an advanced course with an emphasis on corporate brand identity development. The course sequence focuses on the development of research, strategy, and design, in particular the areas of organization, culture, and identity. Students study how complex organizations are defined by their public identities, and how those identities can be strategized and designed with the goal of applying the concepts to a client-based project. Topics include a five-step brand identity process and a showcase of best practices. Project-based activity include brand research, logo development, product packaging, marketing and advertising collateral, web branding, and broadcast advertising development as applicable to client need.

Prerequisite(s): ADVC1010 or MRKT2050 or MRKT3005, junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MRKT3005 Brand Marketing**

This course examines the role of a brand as an asset to an organization and the advantages of creating strong brands. Emphasis is placed on the creation, measurement, and strategic applications of brand equity. Topics covered include choosing brand elements, designing supporting marketing programs, leveraging secondary associations, building brand portfolios, and adjusting brand strategy over time and geographic boundaries. Particular emphasis is placed on the role of promotional mix elements in the communication of brand equity.

Prerequisite(s): MRKT1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MRKT3020 Product Development**

This course examines the role of product development as a function of an integrated marketing system. Students explore the synergy of design and technology to create consumer value. Topics include innovation, concept generation, global sourcing, and manufacturing processes.

Prerequisite(s): MRKT1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MRKT3033 Brand Marketing and Analytics**

This course examines the role of brand marketing as an essential asset for an organization; the advantages of creating, developing and managing strong relevant products of value; and the relation of product value to the organization's supply chain. This course is designed to improve students' marketing skills and understanding of specific marketing topics in brand and product management, brand communications, and the data-driven decision-making and analysis required to build, manage and communicate brand equity.

Prerequisite(s): ADVC1010, MRKT2050, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MRKT3045 Social and Digital Media Marketing**

This course focuses on the strategic use of current and future social and digital media platforms. Students develop a social and digital media marketing plan using the major social media platforms and generative AI content creation tools for digital, mobile, social and video content. Students explore the use of digital and social media for creating personal and professional branding goals with measured results. Students are expected to have a basic understanding of various online and offline marketing strategies. Prerequisite(s): ADVC1010 or DMSM1001 or FSM3075 or HOSP3075, sophomore status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

**MRKT3050 Contemporary Sales in the Global Economy**

In this course students view the sales process in the global economy. In addition, students explore the selling profession and sales management. Students demonstrate expertise in important sales management responsibilities such as territory management, account management, leadership, influence, motivation, recruiting, selection, training, compensation, forecasting and budgeting. Students learn through role-play and skills-based training to build relationships with customers and other business partners in a relationship-oriented world. Prerequisite(s): ENG1030, MRKT1001, junior status.

Offered at Charlotte, Online, Providence  
3 Semester Credits

**MRKT3085 Marketing Analytics**

This course is designed to teach students how to read and analyze marketing dashboards, which provide key insights about consumers that align with organizational objectives. Students compare and contrast different types of marketing metrics categories. Students learn how to understand brand loyalty from the customer's data profile. Students gain experience with dashboard systems, which better prepares them for positions in the world of big data and the marketing analytics field.

Prerequisite(s): FSM3075 or HOSP3075 or MRKT1001, junior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

**MRKT4030 International Marketing**

This course explores various differences in cultural, economic and legal factors as they relate to the marketing process. This is a systematic treatment of marketing on a global scale, extending basic principles into foreign marketing requirements. Students learn to identify and evaluate problems in the international marketplace and propose solutions and implementation strategies to resolve those problems.

Prerequisite(s): BUS3010 or MRKT3005, junior status.  
Offered at Charlotte, Providence  
3 Semester Credits

**MRKT4055 Global Strategic Marketing and Advertising**

This capstone course is designed to develop the students' ability to implement an exciting and cohesive brand marketing and advertising strategy, adaptable to a changing business environment. It is a necessity for meaningful career preparation and placement of students in the fields of marketing and advertising. This capstone course requires participants to develop skills essential to anticipating and responding to constantly changing needs of customers and markets. It is a thorough examination of marketing strategy and integrated advertising campaign, using a combination of text and case materials.

Prerequisite(s): MRKT2050, senior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

**MRKT5500 Strategic Marketing**

This course is designed for students who can apply skills and knowledge gained through previous courses or experience. The course emphasizes issues of setting a viable marketing strategy through segmentation, targeting and positioning in today's competitive global marketplace. Through case studies, course readings, lecture and student presentation opportunities, students address a wide range of marketing problems, many of which involve strategy. Additionally, through the cases and readings, students are exposed to a broad spectrum of marketing environments such as products and services or consumer markets versus business markets. The role of brand management in today's competitive environment is presented.

Prerequisite(s): RSCH5700 or RSCH5800.

Offered at Online, Providence  
3 Semester Credits

**MRKT6010 Advertising and Promotional Strategies**

This course is focused on researching the marketplace, forecasting, planning, problem-solving and decision-making as they apply to promotional activities. Students investigate the various areas of promotion, learn the skills necessary to work with an outside agency or an internal department, and analyze the major components of personal selling, advertising, sales promotion and public relations. Topics discussed include advertising objectives, budget, media strategies, client-agency relationships and measuring advertising effectiveness.

Prerequisite(s): MRKT5500, RSCH5700 or RSCH5800.

Offered at Online, Providence  
3 Semester Credits

**MRKT6035 Brand Management**

This advanced marketing course focuses on the role of brand management in organizations, both large and small. A key component of this course is the historical development and current evolution of brands. The role of technology is explored. Current issues in brand management are an integral part of this course.

Offered at Online, Providence  
3 Semester Credits

**MRKT6125 Marketing in the Digital Environment**

This course is designed to give students an understanding of the elements of data-driven marketing as an integrated part of a total marketing program. Upon completion of this course, students should have an understanding of databases, data-driven marketing, email marketing, social media advertising, and other forms of electronic media as they are used in data-driven marketing programs.

Offered at Online, Providence  
3 Semester Credits

**MRKT6140 Digital Analytics for Marketing Managers**

This course is designed to teach students how to utilize marketing analytics to measure, analyze and manage marketing performance efficiency and cost-effectiveness. Students learn how to read and analyze marketing dashboards, which provide consumers insights and prepares them for positions in the world of big data and marketing analytics. Students learn how to understand brand loyalty from the customer's data profile and apply analytics tools such as web analytics, competitive analysis, customer journey, and market segmentation to inform marketing decisions, forecast sales, create customer profiles, and customize elements of the marketing program.

Offered at Online, Providence  
3 Semester Credits

**MRKT6543 Social Media & Internet Marketing**

This course provides students with a broad view of the evolution of social media and internet marketing. Social media and internet marketing integration into a communication strategy are presented for both for-profit and nonprofit organizations. Students are challenged to execute social media and internet advertising and measure the results. Analyses of research include qualitative and quantitative examination. Students are expected to have a solid understanding of the traditional marketing mix and a working understanding of social media and internet advertising.

Prerequisite(s): MRKT5500.  
Offered at Online, Providence  
3 Semester Credits

# Mathematics (MATH) Courses

## **MATH0010 Pre-Algebra**

Students are assigned to this course based on placement tests given prior to taking MATH1020 or MATH1002. The course is designed to teach students the basic mathematical concepts and methods that will prepare them for studying college-level mathematics. Topics include a review of basic arithmetic, an introduction to algebra, and problem-solving techniques. Offered at Charlotte, Online, Providence  
1.5 Semester Credits

## **MATH1002 A Survey of College Mathematics**

This course is designed to teach students the basic mathematical concepts and methods that will assist them in using mathematics in both their personal and professional lives. Topics include problem solving, sets, probability, statistics, consumer mathematics, and the rudiments of college algebra. Prerequisite(s): MATH0010 or math placement.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **MATH1020 Fundamentals of Algebra**

This course provides students with a working knowledge of the basic elements of algebra. Topics covered include graphing, inequalities, exponents and roots, logarithms, and factoring, and the solution of linear, quadratic, logarithmic, rational and radical equations, as well as systems of linear equations. Prerequisite(s): MATH0010 or math placement.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **MATH1030 Precalculus**

This course features the concepts and techniques essential for the study of calculus. Topics include functional notation; algebraic, trigonometric, exponential and logarithmic functions; analytic trigonometry; and matrix algebra. Prerequisite(s): MATH1020 or math placement.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **MATH1035 Quantitative Analysis I**

This is a business-oriented mathematics course that features applications in algebra and differential calculus. Topics include linear, quadratic, exponential and logarithmic functions as well as matrices, linear programming, and derivatives. Prerequisite(s): MATH1020 or math placement.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **MATH1040 Calculus I**

This course provides students with an introduction to the basic elements of differential and integral calculus. Topics include functions and limits, continuity, differentiation and its applications, relative extrema, and an introduction to integration. Prerequisite(s): MATH1030 or math placement.  
Offered at Charlotte, Providence  
3 Semester Credits

## **MATH2001 Statistics I**

This course is designed to provide students with the basic statistical concepts and techniques that will assist them in both their personal and professional lives. Topics include measures of central tendency and dispersion, probability distributions of both discrete and continuous random variables, sampling distributions, estimation theory, and an introduction to hypothesis testing. Prerequisite(s): MATH1002 or higher (minimum grade of C in MATH1002 or MATH1020 required for hybrid sections of MATH2001).  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **MATH2002 Statistics II**

This course is a continuation of Statistics I. It is designed to provide students with the statistical concepts and techniques of inferential statistics. Topics include hypothesis testing; testing the difference between two means, two proportions and two variances; correlation and regression; Chi-square tests; analysis of variance; and nonparametric statistics. Prerequisite(s): MATH2001 or MATH2010.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **MATH2010 Introduction to Biostatistics**

This course is an introductory statistics course with a focus on applications to biomedical and related fields such as nutrition, pharmacology, ecology, genetics, health and physiology. Topics include descriptive statistics, correlation and regression, statistical studies, elementary probability theory, probability and sampling distributions, estimation theory, and hypothesis testing. Prerequisite(s): MATH1002 or MATH1020.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **MATH2015 Honors Seminar: Experimental Design and Statistics**

This course provides students with statistical concepts and techniques that assist them in both their academic and professional lives. Basic concepts such as measures of central tendency and dispersion, probability distributions of both discrete and continuous random variables, sampling distributions and estimation theory are covered, and techniques such as hypothesis testing and correlation are introduced. The course culminates in the application of experimental design to a real-world situation. Prerequisite(s): MATH1002 or higher (minimum grade of C in MATH1002 or MATH1020 is required for hybrid sections of MATH2015), honors or SHARP status.  
Offered at Charlotte, Providence  
3 Semester Credits

## **MATH2020 Discrete Mathematics**

This course is designed to give students the basic mathematical concepts and methods that are prevalent in information science. Topics include logic, sets, relations, functions, algorithms, recurrence relations, elementary graph theory and trees. Prerequisite(s): MATH1020 or math placement.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

## **MATH2035 Quantitative Analysis II**

A continuation of MATH1035, this course further examines the applications of the derivative such as maxima and minima, and marginal analysis. Both indefinite and definite integration are discussed along with their application to business and economics. Partial differentiation and functions of several variables are also presented. Prerequisite(s): MATH1035.  
Offered at Providence  
3 Semester Credits

## **MATH2040 Calculus II**

This course is a continuation of MATH1040. Topics include a detailed treatment of the calculus of transcendental functions, formal integration methods, improper integrals, infinite series, and further topics in analytic geometry. Prerequisite(s): MATH1040.  
Offered at Providence  
3 Semester Credits

## **MATH2043 Ordinary Differential Equations**

This course introduces the student to the field of ordinary differential equations. Topics include methods for solving linear differential equations and their applications, Laplace Transform Methods, and the solution of systems of linear differential equations along with their applications. Prerequisite(s): MATH2040.  
Offered at Providence  
3 Semester Credits

## **MATH2220 Linear Algebra**

Linear algebra is a branch of mathematics that studies systems of linear equations, vector spaces, linear transformations, and the properties of matrices. Main topics covered include linear systems and their solutions, linear transformations, matrix and vector algebra, vector spaces, determinants, eigenvalues and eigenvectors. Students study a variety of interdisciplinary applications and related strategies throughout the course. Prerequisite(s): MATH1035 or MATH1040.  
Offered at Providence  
3 Semester Credits

### **MATH3040 Calculus III**

This course is a continuation of MATH2040. It is designed to provide students with a detailed treatment of the calculus of functions of several variables and vectors. Topics include vector algebra, vector-valued functions, partial derivatives, vector differential calculus, and the integration of vector fields including the Divergence Theorem and Stokes' Theorem.

Prerequisite(s): MATH2040.

Offered at Providence

3 Semester Credits

### **MATH4900 Applied Statistics**

In this capstone course, students have the opportunity to apply knowledge obtained in statistics courses to further develop their research and analytical thinking skills. Students take part in three research projects: (1) critical analysis of existing professional statistical papers, (2) data collection in an attempt to support a personal hypothesis, and (3) collaborative research to support one side of an argument in a debate format.

Prerequisite(s): MATH1035 or MATH1040, MATH2002, senior status.

Offered at Providence

3 Semester Credits

### **MATH5100 Statistical Methods**

This course provides the student with an understanding of concepts in experimental design and the connection of these concepts to research validity. Emphasis is placed on the knowledge and skills necessary for the critical evaluation and application of statistical methodology. Topics include but are not limited to experimental design, descriptive statistics, probability distributions, hypothesis testing, and regression.

Offered at Online, Providence

3 Semester Credits

## **Media & Communication (MCOM) Courses**

### **MCOM1005 Introduction to Media & Communication**

This is a survey course that introduces students to the study of media across time and space. The course focuses on the histories of various modalities, from speech and print to television and social media. Students also engage with a variety of concepts from the field of media studies, as well as with political-economic and social-cultural approaches to media research.

Offered at Charlotte, Providence

3 Semester Credits

### **MCOM1070 Writing for Radio, Television and Film**

This course teaches students how to successfully write for radio, television and film by introducing them to the key elements of production for each medium. Students become familiar with a broad range of standard formats, acquire fundamental industry terminology and closely examine a variety of creative techniques for producing professional copy. The course balances theory and practice, providing students with many concrete examples through which to learn the essential components of script writing, from commercials, PSAs and talk shows to documentaries and a host of fictional formats. Students demonstrate their understanding of important concepts and develop their own skills and talents by writing a series of short scripts for each medium. This is a writing-intensive course in which assignments are designed to cultivate the strengths and interests of each student, while always requiring the student-writer to consider the demands of form and content, as well as audience and marketability.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MCOM1150 Introduction to Media Production**

This production course introduces students to several modes of professional practice in the field of media production. Through the creation of short works of visual and auditory media, students acquire practical, professionally focused experience as well as the necessary technological skills to effectively communicate their message to an audience. With emphasis on the craft of storytelling, this course provides students with the foundational experience they need to engage in more complex, independent media productions.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Providence

3 Semester Credits

### **MCOM1200 Communicating for Social Change**

In this course, students focus on the use of media to enable participation in the processes that can lead to social change. Media and communication can facilitate social change that has a direct effect on many diverse constituencies, especially those that are often underrepresented. This effect may be felt in areas such as hunger, poverty, gender discrimination, healthcare, human trafficking, and human rights. The foundation to enable change is derived from communication processes that include strong dialogue between multiple stakeholders. In this course, students learn strategies to identify areas of significant need, analyze stakeholders, and develop effective messages to facilitate social change.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MCOM1210 Foundations of Digital Photography**

This introductory course provides students with an overview of important concepts, terminologies and best practices associated with digital photography. Through a number of hands-on exercises, assignment work, and discussions and critique, students discover the many overlapping connections between image-based communication and personal expression. While learning how digital cameras work, students become immersed in a critical discourse which allows them to identify and create more successful imagery. Topics include portraiture, food and event-based photography, documentary and technological considerations.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Providence

3 Semester Credits

### **MCOM2010 Media Industries**

This course provides an in-depth look at the industrial contexts within which media professionals work. Of primary concern are the ways in which a range of factors (i.e., organizational philosophies, economic structures, regulatory contexts, technological innovations and day-to-day business practices) work to determine the ways in which media organizations operate, as well as how such contexts shape the kinds of media texts these industries produce. Ultimately, the course introduces future media professionals to concepts necessary for understanding and navigating the contemporary media landscape.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MCOM2030 Media Texts**

This course surveys key theories and methods for conducting analysis in relation to media texts. As such, this course tackles advanced questions of textual construction, meaning and interpretation. Students closely read various media texts from a variety of theoretical perspectives, such as semiotics, narrative theory and discourse analysis. Through the application of such theories and methods, students develop a conceptual vocabulary with which to articulate the myriad ways in which media texts create meaning, elicit responses, and mobilize feelings and attitudes within audiences. Students also think deeply about the role media texts play in the construction, maintenance and transformation of our social world.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **MCOM2050 Media Audiences**

This course asks students to think critically about how they (as well as their friends, families and communities) influence and are influenced by mediated messages. Students compare and contrast the behaviors of film, radio, television and internet audiences from the 19th, 20th and 21st centuries. By reading and writing about media audiences in historical and contemporary contexts, students come to understand the effects of, as well as their own responses to, mediated messages.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM2100 Children, Youth and Media**

This course examines selected works aimed at children and young adults, and focuses on the interpretation and analysis of how media engages and affects young viewers. In addition to viewing selected works, students read what researchers and critics have to say in their analyses.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM2150 Visual Communication**

In this course, students learn how we make sense of the visual culture in which we live. They become proficient in the language of visual communication by studying the roots of the field and the key concepts that scholars and practitioners use to analyze drawings, paintings, photographs, video and film. Students also create an original project. The course concludes with the dissemination and reception of the project.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM2200 Television Studies**

This course offers critical perspectives on American television and its complex relationship to contemporary culture and everyday life. Specifically, the course covers several aspects that are crucial to understanding television as a cultural artifact: economic structure, aesthetic practices and technological developments, the consumption habits of audiences, government regulation, and social impact. Along the way, students gain a solid grasp of television's history and speculate about its future.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM2300 American Film**

This course explores major developments in the U.S. film industry during its first 100 years. The course is structured chronologically and focuses on moments in film history that are particularly relevant to the medium's development as an aesthetic form, industrial product and cultural practice. While a large portion of the course covers the Hollywood film industry, focus is also on the development of independent film in the U.S., which has always existed alongside the mainstream industry in various and ever-changing states of co-dependence. Students gain a strong appreciation for the wide variety of cinematic movements and styles that make up U.S. cinema, as well as a deep understanding of the way in which economic factors and industrial logic determine the kinds of films that are made. American cinema is also discussed in a global context, considering the ways in which international films and filmmakers have influenced, and been influenced by, the U.S. film industry.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM2400 Writing for Publication**

This course focuses on the various sectors and processes of the publishing industry, including (but not limited to) periodicals, book publishing, professional journals and online publishing. Throughout the term, students explore the various sectors of the industry and become adept at researching the market and identifying appropriate venues for a variety of works. Instruction begins with critical analysis of the market and develops into an in-depth discovery of the industry from the genesis of a piece to representation, acquisition, editing, distribution and marketing. Issues of copyright laws, collaboration and issuance of contract terms are central to the course. By the end of the term, students are challenged to assess their own writing in regard to audience, timeliness and marketability in today's publishing industry.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM2450 Writing in Digital Media**

This course examines the theory and practice of writing in a digital age. Special emphasis is on ethics and the rhetorical conventions for online communication and the design of information, particularly for professional purposes. Topics include designing an effective blog, web style and identity online, social media applications, copyright and authorship issues, and participating in collaborative online environments.

Prerequisite(s): ENG1021 or ENG1027 (or concurrent).

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM2520 Environmental Journalism**

This course provides students with an opportunity to concentrate on environmental journalism for books, magazines, newspapers and websites. Exploring the genre, they learn how to write news and feature stories, as well as how to create multimedia packages. Topics also include developing sources, conducting interviews, crafting query letters and tailoring work to publications.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Providence

3 Semester Credits

**MCOM2550 Introduction to Multimedia Storytelling**

This course examines the practice of journalism and multimedia coverage in a digital age. Special emphasis is placed on preparing students to create content and to package news for a multi-platform audience. Topics include reporting and writing for the web; using photography, graphics, sound and videos to tell a story; designing and publishing online; and incorporating social media and networks.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Providence

3 Semester Credits

**MCOM2610 Motion Picture Editing**

Motion Picture Editing is a video post-production course which provides students with a thorough overview of non-linear editing software and techniques. Students work on a number of short video projects while gaining a thorough understanding of professional editing applications and their user-interfaces. Media management, post-production workflow, audio trimming, and mixing as well as color correction and file compression are studied.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

**MCOM2650 Sound Production**

This audio-based course provides students with the necessary recording skills required to inform and entertain an audience sonically. While primarily focusing on the delivery of effective aural messages, students are responsible for the writing, recording, assembly and post-processing of short audio products such as podcasts and voice-over narration for television and film. Techniques in microphone usage, foley recording and sound design are introduced as students put the pieces together using a digital audio workstation.

Prerequisite(s): MCOM1150 or MCST1150.

Offered at Charlotte, Providence

3 Semester Credits

**MCOM3050 Media Identities**

This course analyzes the ways in which media texts, from films to television shows, represent contemporary forms of social identity such as gender, race, class and sexual orientation. Specifically, students are encouraged to ponder the role contemporary media plays in constructing popular understandings of social identity, as well as how audiences use media representations to form their own sense of identity. Students engage with contemporary theoretical perspectives on media representation, evaluate current research in the field, and perform their own analyses based on this material.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits



**MCOM3090 Critical Perspectives on New Media**

This course examines the rise of digital media technologies and their impact on contemporary culture. Topics include: economic issues, such as how the new digital landscape contributes to the consolidation of media ownership; industrial issues, such as how digital technologies cultivate new kinds of relationships between media producers and consumers; social issues, such as how the internet and social media change the way that individuals interact with one another and re-imagine themselves; and political issues, such as digital technology's potential to break down some barriers (i.e., global, national, cultural), while erecting others (i.e., economic barriers related to access). Through critical engagement with these issues, students are encouraged to think deeply and ethically about the media's past, present and future.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM3100 Radio, Records and Popular Music**

This course is divided into three interlocking sections: genres, industries and technologies. The genres section explores major forms of popular music, such as jazz, blues, country and rock. The industries section examines how the businesses of radio and music produce culture. The technologies section describes the gramophone, phonograph, radio, jukebox, tape recorder and digital files in their social and technological contexts. Borrowing from multiple fields, such as media studies, sociology, anthropology, history and musicology, the course situates these genres, industries, and technologies alongside several themes, including noise and silence, listening and recording, body and voice, regionalism and urbanism, race and class, and creativity and commerce.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM3200 History of Photography**

This course covers important photographic inventions, from the camera obscura and the daguerreotype to the 35mm still camera and the Polaroid. Various formats and prints are studied from social-cultural perspectives, such as banquet camera photographs, cartes de visite, magic lantern slides, news photographs and picture postcards. The documentary quality of photographs is also addressed, with examples that draw from the works of Margaret Bourke-White, Dorothea Lang and Walker Evans, among others.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

**MCOM3220 Advanced Photographic Practices**

In this advanced image-making course, students strengthen their photographic work through intensive professional practice. Meetings are led as workshops, where students use digital cameras, studio lighting and industry-standard post-processing software. Class culminates with students preparing their photographic work for a public exhibition.

Prerequisite(s): MCOM1210 or MCST1210.

Offered at Charlotte, Providence

3 Semester Credits

**MCOM3300 Hip-Hop Culture**

Hip-hop culture, over the course of its recognized existence, has given rise to much controversy, admiration and study. Now recognized as a global phenomenon that appeals to youth cultures, the hip-hop movement can be identified in nearly every aspect of human existence. Hip-hop is also the subject of transnational dialogues about race, gender, sexual orientation, class, tradition and change. In the spirit of such dialogues, this course facilitates discussion and research about the creation, circulation and consumption of hip-hop culture. Course readings cover hip-hop's history from the African diaspora to contemporary influences around the world.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Providence

3 Semester Credits

**MCOM3400 Latinx Music Culture**

This course traces the origins and evolutions of genres and styles of Latinx music in the United States during the 20th and 21st centuries. Through its chronological approach, the course places a significant emphasis on the geographies of Miami, San Antonio, New York, Los Angeles and San Francisco as key sites of cultural production. Students consider the commercial appeal of crossover performers and independent musicians' approaches to folk and underground music. Throughout the course, students interpret the aesthetic, semantic and symbolic properties of genres and styles, such as Latin rock, salsa and reggaeton, often in political and economic contexts. In the process, they are exposed to the stories of musicians, album producers, record shop owners, music critics and radio DJs involved in the creation and circulation of Latinx music—all cultural workers with their own transnational, generational, socioeconomic, racial-ethnic and gender-sexual identities.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Providence

3 Semester Credits

**MCOM3600 Narrative Filmmaking**

This course provides students the opportunity to collaborate on the production of a number of short films that explore fiction-based storytelling. Emphasis is on creating visual dynamism as students develop, write, direct and produce their own short films. Advanced techniques in lighting, cinematography and directing actors allow participants to create work of high-production value.

Prerequisite(s): MCOM1150 or MCST1150.

Offered at Charlotte, Providence

3 Semester Credits

**MCOM3650 Documentary Filmmaking**

This course goes in-depth into how nonfiction films are made from initial concept through distribution. Strategies for producing, including solutions to the unique challenges inherent to documentary production, are explored. Through a combination of screenings and critiques of documentary films (which may include genres such as political, sports, music and/or biographic), shooting exercises and critical analysis of work produced in class, the course culminates in a final project: a short, student-developed work of nonfiction or a written treatment.

Prerequisite(s): Junior status.

Offered at Charlotte, Providence

3 Semester Credits

**MCOM3700 Media Research Methods**

This course provides essential training on how scholars think by asking students to participate in the process of knowledge creation. Students are familiarized with a variety of qualitative research methods used by media scholars, such as interview studies, focus groups, participant observation, historical and textual analysis. Not only do students read and critique prior research performed by media scholars, they also gain practical, hands-on experience with these methods through a series of method-based projects. This course is beneficial to students who wish to pursue research positions in the media industries as well as for those who plan to continue their studies in graduate school. As part of the MCST core curriculum, it also prepares students for the research-based capstone project in MCOM4200.

Prerequisite(s): ENG1021 or ENG1027, MCOM1005 or MCST1005.

Offered at Charlotte, Providence

3 Semester Credits

**MCOM4010 Global Media**

This course takes a critical look at the practices of media corporations, governments and audiences, mostly through the lenses of nationalism and imperialism. Particular emphasis is placed on the idea of globalization and its connection to contexts of reception at local, national and international levels. The course also addresses key themes such as trade, tradition, nation, globalism and localism. Students read political-economic and ethnographic analyses of cultural artifacts and production sites that bear the imprints of, on the one hand, transnational media corporations, and, on the other, regional audiences.

Prerequisite(s): ENG1021 or ENG1027, MCOM1005 or MCST1005.

Offered at Charlotte, Providence

3 Semester Credits

### **MCOM4050 Media & Popular Culture**

This course surveys the ways in which everyday acts and artifacts communicate messages. Students interpret how fashion, food, fiction and other forms of communication influence and are influenced by social structures and global institutions. Students also consider the ways in which icons and symbols generate meaning for diverse audiences. Course readings address ideology, identity, community, subjectivity and the body, among other topics.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Providence

3 Semester Credits

### **MCOM4200 Media & Communication Capstone**

This seminar draws on coursework from the major and synthesizes it in the form of one research-based project on an original topic. Projects focus on substantive issues and may take several forms, from traditional scholarship such as a research paper or a critical analysis, to creative work — film or television scripts, journalism, fiction, photography, music or any type of performance art.

Prerequisite(s): ENG1021 or ENG1027, MCOM1005 or MCST1005.

Offered at Charlotte, Providence

3 Semester Credits

### **MCOM4400 Cinematic Lighting Studio**

Lighting is explored as a narrative element in this advanced studio course. Students create short video sketches through their hands-on use of specialized tools, designed to produce the look of high-end cinematography. Through the analysis and reconstruction of various lighting studies from classic and contemporary films, techniques are put to practice in studio environments and field locations. Topics include how quality and placement of lights convey emotion, interview lighting, Chroma keying and safety considerations.

Prerequisite(s): Junior status and two of the following production courses:

GDES3300, GDES3310, MCOM/MCST 1210, 2500 or 3600.

Offered at Providence

3 Semester Credits

## Nonprofit Management (NPM) Courses

### **NPM5040 Program Evaluation**

This course in program evaluation is designed to introduce students to practical methods of evaluating nonprofit programs. Emphasis is on currently used methods of program evaluation, using case studies to illustrate how theoretical methods are practically applied. Students are expected to gain an understanding of theoretical frameworks as well as practical qualitative and quantitative tools used to evaluate programs against standards of efficiency, equity and other goals.

Offered at Online, Providence

3 Semester Credits

### **NPM5050 Resource Development for Nonprofits**

This course is designed to provide students with a working knowledge of resource development and management, including fundraising, donor management and volunteer management. Students are expected to gain an understanding of practical methods currently used to develop resources to be used in the capacity of nonprofit organizations.

Offered at Online, Providence

3 Semester Credits

## Nursing

### **NURS3010 Foundations of Nursing Practice**

This course introduces foundational nursing principles that build future professional and clinical practice. Course concepts include nursing as a profession, the nursing process, oxygenation/perfusion, elimination, the infective process, skin, rest, sleep, loss, grief, death, culture, health and wellness, spirituality, and sexual health. There is strong underlying focus of nurse/client safety within the course.

Prerequisite(s): Corequisite: NURS3030, NURS3110, NURS3115, NURS3160.

Offered at Charlotte, Providence

6 Semester Credits

### **NURS3030 Foundations of Nursing Practice Practicum**

This course introduces foundational nursing principles that build future professional and clinical practice. This course applies the concepts from NURS3010, Foundations in Nursing Practice, into clinical practice within various healthcare settings. Course concepts include nursing as a profession, the Nursing Process, oxygenation/perfusion, elimination, the infective process, skin, rest, sleep, loss, grief, death, culture, health and wellness, spirituality, and sexual health. There is strong underlying focus of nurse/client safety within the course.

Prerequisite(s): Corequisite: NURS3010, NURS3110, NURS3115, NURS3160.

Offered at Charlotte, Providence

2 Semester Credits

### **NURS3110 Health Assessment**

This course introduces the student to the concepts of performing a comprehensive health assessment for clients across the life span. Students gain knowledge related to the components of the health assessment of clients through an understanding of communication techniques as well as concepts related to performing a physical assessment of the client. Students learn assessment through a human body systemic approach with an end outcome of the complete client's health assessment.

Prerequisite(s): Corequisite: NURS3010, NURS3030, NURS3115, NURS3160.

Offered at Charlotte, Providence

3 Semester Credits

### **NURS3115 Health Assessment Lab**

This course builds on the concepts from NURS3110, Health Assessment, and allows the student in a lab environment to apply the concepts of performing a comprehensive health assessment to clients across the life span. Students gain knowledge related to the components of the health assessment of clients through an understanding of communication techniques as well as concepts related to performing a physical assessment of the client. Students learn assessment through a human body systemic approach with an end outcome of the complete client's health assessment.

Prerequisite(s): Corequisite: NURS3010, NURS3030, NURS3110, NURS3160.

Offered at Charlotte, Providence

1 Semester Credit

### **NURS3160 Pathophysiology**

This course builds upon the student's prerequisite social science, biology, and chemistry courses. Students begin a comprehensive study of human pathophysiology and disease processes. Students study the epidemiology, disease state presentations and corresponding common clinical evaluations, and morbidity and mortality. Students acquire critical knowledge of the pathophysiologic processes across the life span.

Prerequisite(s): Corequisite: NURS3010, NURS3030, NURS3110, NURS3115.

Offered at Charlotte, Providence

4 Semester Credits

### **NURS4050 Care of the Adult I**

This course builds on the concepts from Foundations in Nursing Practice and introduces the students to clients who live with chronic illnesses. The course continues to build on the clinical decision and clinical judgement model. Chronic health issues for the neurological, cardiovascular, respiratory, gastrointestinal, genitourinary, endocrine, renal, and fluid/electrolyte/acid base balance systems are addressed within the course.

Prerequisite(s): NURS3010, NURS3030, NURS3110, NURS3115, NURS3160,

Corequisite: NURS4060, NURS4140, NURS4150, NURS4180.

Offered at Charlotte, Providence

6 Semester Credits

### **NURS4060 Care of the Adult I Practicum**

This course applies the concepts from NURS4050, Care of the Adult I, into clinical practice within various healthcare settings. This course introduces the care needed by clients who live with chronic illnesses. The course continues to build on the clinical decision and clinical judgement model. Chronic health issues for the neurological, cardiovascular, respiratory, gastrointestinal, genitourinary, endocrine, renal, and fluid/electrolyte/acid base balance systems are addressed within the course.

Prerequisite(s): NURS3010, NURS3030, NURS3110, NURS3115, NURS3160,

Corequisite: NURS4050, NURS4140, NURS4150, NURS4180.

Offered at Charlotte, Providence

2 Semester Credits

**NURS4140 Mental Health Nursing**

This course introduces the concepts of holistic mental health well-being. This course emphasizes the use of an interdisciplinary approach. Course concepts focus on nurse and client safety, client assessment, and therapeutic communication. The course also introduces the student to a broad span of mental health diagnoses.

Prerequisite(s): NURS3010, NURS3030, NURS3110, NURS3115, NURS3160,  
Corequisite: NURS4050, NURS4060, NURS4150, NURS4180.

Offered at Charlotte, Providence

3 Semester Credits

**NURS4150 Mental Health Nursing Practicum**

This course allows the student to apply the concepts of holistic mental health well-being in a variety of healthcare settings. This course builds on NURS4140, Mental Health Nursing, and emphasizes the use of an interdisciplinary approach. Course concepts focus on nurse and client safety, client assessment, and therapeutic communication. The course also introduces the student to a broad span of mental health diagnoses.

Prerequisite(s): NURS3010, NURS3030, NURS3110, NURS3115, NURS3160,  
Corequisite: NURS4050, NURS4060, NURS4140, NURS4180.

Offered at Charlotte, Providence

1 Semester Credit

**NURS4180 Pharmacology**

This course builds upon the student's prerequisite biology and chemistry courses. Students begin a comprehensive study of pharmacology and the application of pharmacotherapies commonly encountered with disease processes. Students acquire critical knowledge of pharmacologic interventions utilized in disease treatment and promotion of health and wellness across the life span. Students employ evidence-based practice for pharmacologic interventions including indications for treatment, side effects, efficacy, mode of administration, adherence, cost, and nursing implications for practice.

Prerequisite(s): NURS3010, NURS3030, NURS3110, NURS3115, NURS3160,  
Corequisite: NURS4050, NURS4060, NURS4140, NURS4150.

Offered at Charlotte, Providence

4 Semester Credits

**NURS4210 Care of Children**

This course introduces foundational nursing principles for the care of children. The course explores the nursing care needed from infancy through adolescence. Concepts covered include systemic illnesses and diseases specific to children, culture, the family unit, safety, and end-of-life as it relates to children. There is strong underlying focus of nurse/client safety within the course.

Prerequisite(s): NURS4050, NURS4060, NURS4140, NURS4150, NURS4180,  
Corequisite: NURS4220, NURS4250, NURS4260, NURS4310, NURS4340.

Offered at Charlotte, Providence

3 Semester Credits

**NURS4220 Care of Children Practicum**

This course applies the concepts from NURS4210, Care of Children, into clinical practice within various healthcare settings. This course allows the student to apply the concepts needed to provide nursing care from infancy through adolescence. Concepts covered include systemic illnesses and diseases specific to children, culture, the family unit, safety, and end-of-life as it relates to children. There is strong underlying focus of nurse/client safety within the course.

Prerequisite(s): NURS4050, NURS4060, NURS4140, NURS4150, NURS4180,  
Corequisite: NURS4210, NURS4250, NURS4260, NURS4310, NURS4340.

Offered at Charlotte, Providence

1 Semester Credit

**NURS4250 Maternal Newborn Nursing**

This course introduces nursing knowledge and concepts required for the nursing care of women's health across the life span, obstetrics, and care of the newborn. The course explores the family unit, women's health as a whole, care of the pregnant woman, care of the woman during the labor process, care of the woman during the postpartum period, and care of the newborn. The course addresses those concepts that are routine along with specific high-risk concepts.

Prerequisite(s): NURS4050, NURS4060, NURS4140, NURS4150, NURS4180,  
Corequisite: NURS4210, NURS4220, NURS4260, NURS4310, NURS4340.

Offered at Charlotte, Providence

3 Semester Credits

**NURS4260 Maternal Newborn Nursing Practicum**

This course applies the concepts from NURS4250, Maternal and Newborn Nursing, into clinical practice within various healthcare settings. This course introduces nursing knowledge and concepts required for the nursing care of women's health across the life span, obstetrics, and care of the newborn. The course explores the family unit, women's health as a whole, care of the pregnant woman, care of the woman during the labor process, care of the woman during the postpartum period, and care of the newborn. The course addresses those concepts that are routine along with specific high-risk concepts.

Prerequisite(s): NURS4050, NURS4060, NURS4140, NURS4150, NURS4180,  
Corequisite: NURS4210, NURS4220, NURS4250, NURS4310, NURS4340.

Offered at Charlotte, Providence

1 Semester Credit

**NURS4310 Evidence-Based Practice and Healthcare Informatics**

This course introduces the student to the concepts of informatics, evidence-based practice and research. The course combines the concepts by researching a current health informatics topic and provides a writing intensive learning experience. This course introduces the student to the principles, methods and process of nursing research for evidence-based practice, including ethics and the moral responsibilities involved in research using human subjects. Students are introduced to all steps of the research process and gain an understanding of how research contributes to the development of nursing knowledge, improves nursing practice and patient outcomes, supports design of innovative nursing systems, and enhances education and professional accountability. This course also introduces the student to nursing informatics and research with a focus on the application of information science and scholarly work to nursing practice. Ethical and legal issues, including privacy and security, related to electronic systems in healthcare are emphasized. Students are introduced to information from a variety of sources and examine the function of information systems and technologies as the foundation for evidence-based practice. Clinical-decision support tools, the electronic health record (EHR) and quality improvement systems are explored. This introductory course prepares graduating and practicing nurses with foundational informatics competencies to meet nursing standards for providing safe, high-quality, evidence-based nursing care.

Prerequisite(s): NURS4050, NURS4060, NURS4140, NURS4150, NURS4180,  
Corequisite: NURS4210, NURS4220, NURS4250, NURS4260, NURS4340.

Offered at Charlotte, Providence

3 Semester Credits

**NURS4340 Leadership in Nursing**

In this course students focus on theoretical foundations and conceptual principles of nursing leadership and the skills necessary to practice leadership competently and effectively in healthcare environments. Students develop leadership self-awareness and are encouraged to deepen personal perspectives in leading professionally. Recognizing leadership traits and styles in self and others gives students the opportunity to engage their own strengths and create a vision and philosophy for nursing leadership. Legal and ethical challenges, workforce considerations, quality improvement and nursing management are explored in the context of effective leadership for evidence-based nursing practice in evolving complex healthcare systems.

Prerequisite(s): NURS4050, NURS4060, NURS4140, NURS4150, NURS4180,  
Corequisite: NURS4210, NURS4220, NURS4250, NURS4260, NURS4310.

Offered at Charlotte, Providence

3 Semester Credits

**NURS4420 Community/Public Health Nursing**

This course introduces concepts of community/public health nursing. Concepts focus on utilizing the population-focused nursing process, with emphasis on health promotion, risk reduction and disease management across the life span in community settings.

Prerequisite(s): NURS4210, NURS4220, NURS4250, NURS4260, NURS4310,  
NURS4340, Corequisite: NURS4430, NURS4460, NURS4470.

Offered at Charlotte, Providence

3 Semester Credits

### **NURS4430 Community/Public Health Nursing Practicum**

This course allows the student to apply the concepts of community/public health nursing introduced in NURS4420, Community/Public Health Nursing. Concepts focus on utilizing the population-focused nursing process, with emphasis on health promotion, risk reduction and disease management across the life span in community settings. Students apply these concepts in areas such as simulation, public schools, health department, free clinics, and other factions that serve the community.

Prerequisite(s): NURS4210, NURS4220, NURS4250, NURS4260, NURS4310, NURS4340, Corequisite: NURS4420, NURS4460, NURS4470.

Offered at Charlotte, Providence  
1 Semester Credit

### **NURS4460 Care of the Adult II**

This course builds on the concepts from Foundations in Nursing Practice and Care of the Adult I. This course introduces the students to clients who are experiencing acute illnesses. Clients experiencing health issues for the neurological, cardiovascular, respiratory, gastrointestinal, genitourinary, endocrine, renal, and fluid/electrolyte/acid base balance systems are addressed within the course. This course, with its related practicum, begins the transition of practice from nursing student to novice professional nurse.

Prerequisite(s): NURS4210, NURS4220, NURS4250, NURS4260, NURS4310, NURS4340, Corequisite: NURS4420, NURS4430, NURS4470.

Offered at Charlotte, Providence  
6 Semester Credits

### **NURS4470 Care of the Adult II Practicum**

This course builds on the concepts from Foundations in Nursing Practice and Care of the Adult I. In this course students apply the concepts needed to provide care to clients who are experiencing acute illnesses. Clients experiencing health issues for the neurological, cardiovascular, respiratory, gastrointestinal, genitourinary, endocrine, renal, and fluid/electrolyte/acid base balance systems are addressed within the course. This course, with its related theory/didactic course, begins the transition of practice from nursing student to novice professional nurse.

Prerequisite(s): NURS4210, NURS4220, NURS4250, NURS4260, NURS4310, NURS4340, Corequisite: NURS4420, NURS4430, NURS4460.

Offered at Charlotte, Providence  
4 Semester Credits

## **Nutrition (NUTR) Courses**

### **NUTR5100 Macronutrients in Human Nutrition**

This course provides an in-depth study of the functional roles of macronutrients in the human body. Concepts discussed include structural properties of carbohydrates, proteins and lipids, as well as digestion, absorption and metabolism. Functions in the human body, physiological requirements throughout the life span, and dietary sources are also examined in this course.

Offered at Online, Providence  
3 Semester Credits

### **NUTR5200 Micronutrients in Human Nutrition**

This course provides an in-depth study of the functional roles of micronutrients in the human body. Those concepts include digestion, absorption and metabolism; functions in the regulation of biochemical systems and structures; and functions in the promotion of health and prevention of disease throughout the life cycle. Students also research health implications of varying amounts of micronutrients in the diet, interactions between micronutrients, and the role of supplementation.

Offered at Online, Providence  
3 Semester Credits

### **NUTR5300 Nutrition for Health and Wellness**

This course provides an in-depth examination of the various aspects of health and wellness. Students explore current and relevant principles of health and wellness, with emphasis on the relationship between nutrition and health, and nutrition and disease. The culmination of this course includes an opportunity for students to create a comprehensive wellness program that focuses on nutrition education and nutrition-related disease prevention.

Offered at Online, Providence  
3 Semester Credits

### **NUTR5500 Nutritional Counseling and Education**

This course provides an in-depth study of the effective methods for providing nutrition counseling and education to individuals and small groups. Theories of behavior change and the application of those theories to healthcare issues is investigated in detail. Additional topics of discussion include current theories and techniques of counseling and nutrition education; preparing, conducting and analyzing group nutrition education; and the impact of cultural diversity on counseling and education practices.

Offered at Online, Providence  
3 Semester Credits

### **NUTR6100 Advanced Clinical Nutrition**

This course provides an advanced examination of the relationship between nutrition and both acute and chronic clinical conditions. Concepts include the influence of nutrition on the prevention and treatment of diseases, as well as the effects of nutrition-related diseases on physiological functions in the body. The development and implementation of appropriate nutrition therapy for individuals are also examined.

Prerequisite(s): NUTR5100, NUTR5200.  
Offered at Online, Providence

3 Semester Credits

### **NUTR6200 Grantsmanship and Publication**

This course provides a comprehensive study of the techniques for nutrition-focused professional writing. Concepts include steps used in grant proposal writing, preparation of scientific manuscripts for publication, and strategies for producing effective written communications for a variety of media outlets and audiences. Students complete a grant proposal and write various nutrition-related articles during this course.

Prerequisite(s): RSCH5700.  
Offered at Online, Providence

3 Semester Credits

### **NUTR6900 Nutrition Capstone**

This course provides students with the opportunity to apply their nutrition knowledge and skills through the completion of a nutrition-related capstone project. This project may take different forms, depending on student interest. Students work with the course instructor to choose a topic that is relevant to the nutrition field and can be completed in the time constraints of the course. Evidence from the coursework and science-based principles are integrated into the proposal, including relevant nutrition principles, research and best practices.

Prerequisite(s): NUTR6200, RSCH5700.  
Offered at Online, Providence

3 Semester Credits

## **Nutrition & Dietetics (DIET) Courses**

### **DIET1020 Introduction to Nutrition and Dietetics Professions**

This survey course is intended to introduce students to various nutrition and dietetics professions for those in pursuit of a career in nutrition. Students are provided with information regarding education, training, credentialing and licensure requirements for nutrition and dietetic career paths. Students also learn about the interdisciplinary industry and healthcare team members who work with nutrition and dietetics professionals.

Offered at Providence  
1 Semester Credit

### **DIET2020 Sports Nutrition**

This course provides an introduction to nutritional concepts that are unique to the needs of athletes. Students in this course learn about the impact of carbohydrates, fats, proteins and essential nutrients on an athlete's metabolism, health and performance. The class also stresses information not only for competitive athletes, but for other populations wishing to incorporate nutrition into a physically active lifestyle. Students design several diets that optimize performance based on topics addressed in this class.

Prerequisite(s): SCI1050.  
Offered at Charlotte, Online, Providence

3 Semester Credits

**DIET2070 Lifespan Nutrition**

This course investigates the significance of nutrition throughout the lifecycle, including developmental stages, growth and aging. Students examine the role of specific nutrients in each life stage, from preconception through older adulthood. Meeting nutritional requirements as well as the relationship between nutrition and health throughout the human lifespan are emphasized.

Prerequisite(s): SCI1050.

Offered at Charlotte, Online, Providence

3 Semester Credits

**DIET3030 Nutrition Assessment**

This course introduces students to the scope of practice of the Registered Dietitian Nutritionist as well as the standardized nutrition care of patients. Students explore each step of the Nutrition Care Process, practice various assessment techniques, formulate nutrition problem statements, and implement terminology related to nutrition intervention, monitoring and evaluation. Focus is on the measurement techniques used to evaluate nutritional status and the application of medical terminology in patient health records.

Prerequisite(s): SCI1050, DIET2050 or DIET3080, sophomore status.

Offered at Providence

3 Semester Credits

**DIET3080 Community Nutrition**

This course examines the role of nutrition in promoting, maintaining and improving the health of individuals and groups in the community. The course provides students with a foundational understanding of the professionals, organizations and policies that influence community nutrition. Students are introduced to epidemiological research methodology, educational theories and other strategies in order to maximize their effectiveness while working with diverse and potentially vulnerable populations.

Prerequisite(s): SCI1050.

Offered at Charlotte, Online, Providence

3 Semester Credits

**DIET4030 Medical Nutrition Therapy**

This course familiarizes the student with the principles of medical nutrition therapy. The critical role of food and nutrients and their effects on various disease states is discussed. Students explore a variety of issues that may impact the management of existing diseases.

Prerequisite(s): BIO2041 or SCI2031, DIET3030, DIET2070 or DIET3050.

Offered at Providence

3 Semester Credits

**DIET4630 Advanced Medical Nutrition Therapy**

This senior-level course provides the student with advanced medical nutrition therapy (MNT) theoretical knowledge and clinical nutrition skills required for postgraduate programs and advanced degrees in nutrition. Students utilize critical-thinking skills in solving complex medical cases that require nutrition intervention. Students research and apply a variety of evidence-based clinical nutrition practices. Emphasis is on the critical role of utilizing the standardized Nutrition Care Process in all aspects of Medical Nutrition Therapy.

Prerequisite(s): DIET4030.

Offered at Providence

3 Semester Credits

**DIET5030 Introduction to Dietetics I**

This course is designed for students entering the M.S. in Clinical Nutrition & Dietetics program without a DPD verification statement. It prepares them for future courses by providing an overview of dietetics and the Nutrition Care Process (NCP). Students explore the scope of practice of the Registered Dietitian Nutritionist (RDN) as well as the principles of Medical Nutrition Therapy (MNT) and evidence-based medicine. Each component of the NCP (Assessment, Diagnosis, Intervention, Monitoring and Evaluation) is explored in-depth with an emphasis on nutrition assessment. Students are introduced to medical record documentation and electronic health records as well as interdisciplinary healthcare team members.

Offered at Online, Providence

3 Semester Credits

**DIET5060 Introduction to Dietetics II**

This course presents the next steps for students entering the M.S. in Clinical Nutrition & Dietetics program without a DPD verification statement. It allows them to develop their knowledge and skills for future courses by continuing the principles of Medical Nutrition Therapy (MNT) for both acute and chronic health conditions. The critical role of food and nutrients and their effects on various disease states are examined and students are introduced to indications for nutrition support. Students explore a variety of issues that may impact the management of existing diseases as the interrelationships between nutrition-related diseases and current diet recommendations are explored. Students continue to use the Nutrition Care Process and practice MNT through the use of case studies.

Prerequisite(s): DIET5030.

Offered at Providence

3 Semester Credits

**DIET5350 Nutrition for Health & Wellness Experience**

This supervised experiential learning course provides hands-on opportunities in a variety of settings. Students apply principles of health and wellness, with emphasis on the relationship between nutrition and health, and nutrition and disease. The culmination of this course includes an opportunity for students to create a comprehensive wellness program that focuses on nutrition education and nutrition-related disease prevention.

Prerequisite(s): Corequisite: NUTR5300.

Offered at Providence

3 Semester Credits

**DIET5550 Nutritional Counseling and Education Experience**

This supervised experiential learning course provides an opportunity for students to apply counseling and education theory to classroom case studies, simulation, peer counseling, and real-world settings in the community. Students practice interviewing, counseling techniques, and developing client education materials appropriate for diverse audiences.

Prerequisite(s): DIET5350, Corequisite: NUTR5500.

Offered at Providence

3 Semester Credits

**DIET5600 Culinary Nutrition and Food Service Management**

This course provides hands-on laboratory experience in culinary nutrition skills and leadership principles in food service operations. The students assign responsibilities according to scope of evidence-based practice in specialized diets to measure quality and productivity and meet budget priorities. Food safety systems and food preparation techniques ensure safe and efficient delivery of food. Students use a matrix or measure to evaluate the need for financial, technical and equipment resources for the provision of safe food delivery.

Prerequisite(s): DIET5350, NUTR5300.

Offered at Providence

5 Semester Credits

**DIET5700 Current Topics in Nutrition Seminar**

This course covers special topics in food and nutrition. Students explore topics related to athletics and sports nutrition, maternal and child health, culinary nutrition, or other topics approved by the instructor. This course prepares students for their final capstone project and specialized experiential rotations in their final semester of study. Topics are researched from different perspectives incorporating new knowledge and knowledge obtained from prior coursework.

Prerequisite(s): NUTR5100, NUTR5200, RSCH5700.

Offered at Providence

1 Semester Credit

**DIET6150 Clinical Supervised Practice Experience I**

This supervised experiential learning course provides an opportunity for students to apply advanced clinical nutrition concepts through field rotations, while being precepted by Registered Dietitian Nutritionists (RD/RDN). Rotations may include clinical healthcare sites, community outreach and education, outpatient and ambulatory care, and food service management and operations.

Prerequisite(s): DIET5550, NUTR5100, NUTR5200, NUTR5500, Corequisite: NUTR6100.

Offered at Providence

3 Semester Credits

### **DIET6450 Clinical Supervised Practice Experience II**

Students apply accrued didactic and hands-on knowledge in this final supervised experiential learning course, while being precepted by Registered Dietitian Nutritionists (RD/RDN). Rotations may include clinical healthcare sites, community outreach and education, outpatient and ambulatory care, food service management and operations or other sites. This experience culminates with a three-week rotation where students practice professional responsibilities under supervision but with greater independence. Students may be placed in a specialized rotation related to their capstone project or other areas of interest.

Prerequisite(s): DIET6150, NUTR6100.

Offered at Providence

9 Semester Credits

## **Occupational Therapy (OTD) Courses**

### **OTD7015 Foundations of Occupational Therapy**

This course provides the conceptual foundation for occupational therapy practice and the study of human occupation. Students apply the concepts of occupation, activity analysis, and use of occupations in practice using the latest Occupational Therapy Practice Framework. The course also provides a historical and contemporary view of the domain of concern, process, ethical principles and philosophical base of the profession. Students explore the interaction of culture, professional roles and occupation including emphasis on the role of occupational balance in health, wellness and participation.

Prerequisite(s): Corequisite: OTD7030, OTD7170, OTD7190.

Offered at Providence

3 Semester Credits

### **OTD7030 Human Occupations and Participation Across the Lifespan**

This course explores the spectrum of occupations that influence health and independence of individuals throughout the lifespan through observation, communication, analytical and reflective skills. This course stresses normal occupational development and participation. It looks at what occupation means and the role occupations play in participation in the daily lives of individuals. It involves exploration of the impact of culture, environment, context, gender and age upon occupation, occupational performance and participation.

Offered at Providence

2 Semester Credits

### **OTD7060 Occupational Perspective on Health**

This course develops students' knowledge of population health and social determinants of health. It situates occupational therapy in global perspectives on health through the International Classification of Function (ICF) and explores the role of occupation in health. Students learn to analyze the epidemiological factors that contribute to public health and well-being of populations on a local and global scale. The course emphasizes health disparities and the effects of the sociopolitical climate on health. Additionally, students explore the role of occupation and participation in individual and population health. The course examines the significant role played by diversity of the human experience and various socioeconomic and cultural factors to expand students' abilities to meet the needs of individuals, groups and populations. It moves from the perspective of the community, to the country, to the world.

Prerequisite(s): OTD7210, OTD7260, OTD8320, ((OTD8235, OTD8280) or OTD8240).

Offered at Providence

3 Semester Credits

### **OTD7070 Introduction to Fieldwork**

This course prepares students for fieldwork placements through a series of guided learning experiences. Students complete documentation and tasks required for Level I and II fieldwork experiences. This course also prepares students to reflect on their professional behaviors and to understand how fieldwork is an integral and unique portion of occupational therapy education.

Prerequisite(s): OTD7015, OTD7030, OTD7170, OTD7190.

Offered at Providence

1 Semester Credit

### **OTD7110 Kinesiology**

This course begins the process of applying the theory of human kinetics to human movement. The course includes movement analysis, hands-on assessment and training of movement of muscles and muscle groups, assessment of posture and the impact on coordination and balance in assisting clients to move from surface to surface, proper body mechanics, ergonomics and an introduction to gait analysis. Labs provide an opportunity to use the information presented in class in a dynamic and interactive way.

Prerequisite(s): OTD7015, OTD7030, OTD7170, OTD7190.

Offered at Providence

4 Semester Credits

### **OTD7130 Occupational Therapy Assessment and Theory Across the Life Span**

Students learn the role of theory in the development of assessments and how this theory can be utilized to frame selection of assessments and intervention techniques that follow. Occupational performance contexts found within the Occupational Therapy Practice Framework are utilized to emphasize the role of the occupational therapist in both standardized and non-standardized formats. Students learn the process of data collection, scoring, and interpretation of evaluation tools in order to develop appropriate treatment and discharge planning strategies across the life span. This course prepares the student to evaluate quality of tools and to understand how to select intervention tools within practice settings.

Prerequisite(s): OTD7015, OTD7030, OTD7170, OTD7190.

Offered at Providence

3 Semester Credits

### **OTD7160 Human Conditions I**

This course examines conditions of the musculoskeletal, connective tissue, endocrine, gastrointestinal, renal, auditory, visual and cardiopulmonary systems as they relate to people's ability to move within, sense and respond to their physical and social environments. Students examine the impact of these conditions on occupational performance and quality of life. Students learn the signs and symptoms of conditions, how they are managed medically, and how they can be prevented. They explore the scientific evidence regarding genetic, biologic, traumatic and social causes of the conditions.

Prerequisite(s): OTD7015, OTD7030, OTD7170, OTD7190.

Offered at Providence

3 Semester Credits

### **OTD7170 Occupational Performance and Participation in Groups**

This course allows students to understand, analyze and apply dyadic, group and team dynamics and therapeutic group process skills. Students learn about the role of occupational therapy within groups, while building upon the concept of therapeutic use of self. Topics include communication skills, conflict resolution, group process, group leadership, choosing developmentally appropriate group activities, assessing the effectiveness of the group process, and using behavioral management strategies. Labs engage students in real-time group development and process experiences that build in knowledge and complexity throughout the semester.

Offered at Providence

3 Semester Credits

### **OTD7190 Research I**

In this first of the OTD research courses, students acquire knowledge of the principles of research in healthcare and other settings. In this course, students learn to appreciate research in occupational therapy. They read and interpret research articles and locate and critically appraise peer-reviewed literature. Students evaluate research designs and threats to research validity as they begin to use evidence-based literature. Students complete training in the ethics of research with human participants.

Offered at Providence

3 Semester Credits

### **OTD7210 Neuroscience**

This course presents students with the study of the structure and function of the central, peripheral and autonomic nervous system. Lab gives students opportunities to explore the anatomy of the head and neck, brain, spinal cord and peripheral nerves. Lectures and laboratory experiences integrate the physiological and neurological components of the course to provide students with an opportunity to use clinical reasoning to explain the relationship of the neurological structures and system to occupational performance.

Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220.

Offered at Providence

4 Semester Credits

**OTD7260 Human Conditions II**

This course is a continuation of Human Conditions I. It focuses on conditions in motor, sensory, cognitive, interpersonal, self-care, productivity, and leisure areas that may be the result of neurological, genetic, developmental, sensory dysfunction and mental health conditions. Students examine the impact of these conditions on occupational performance and participation. Students learn the signs and symptoms of conditions, how they are managed medically, and how they can be prevented. Students learn how these conditions contribute to disruption in occupational performance. Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220. Offered at Providence  
3 Semester Credits

**OTD8140 Healthcare Systems and Policy**

In this course, students learn the various systems in which occupational therapists work and the payment, reimbursement and other policies that affect practice in different settings. Students gain knowledge and experience on how to address the needs of a variety of stakeholder groups, including regulators, payers and legislators. Students gain new knowledge about how they can affect and create policy and the mechanisms of change in health systems based on policy change. Prerequisite(s): OTD7210, OTD7260, OTD8320, ((OTD8235, OTD8280) or OTD8240). Offered at Providence  
3 Semester Credits

**OTD8215 Introduction to Capstone I**

This is the first in a two-course sequence, preparing students for the doctoral capstone, which provides students in-depth learning focusing on clinical practice skills, research, administration, leadership, program development, policy development, advocacy or education. Students in this course develop their capstone topic through written and graphic models, including the theoretical framework used to address the problem/issue. This course includes the synthesis of the literature review and the development of a doctoral capstone plan for the capstone project and experience. Prerequisite(s): OTD7060, OTD8140, OTD8345, OTD8380. Offered at Providence  
2 Semester Credits

**OTD8220 Research II**

This is the second course in the three-course sequence in research. In this course students build on what they have learned in Research I. They complete an annotated bibliography and begin completing a publication-ready systematic review on their research topic. Prerequisite(s): OTD7015, OTD7030, OTD7170, OTD7190. Offered at Providence  
3 Semester Credits

**OTD8235 Occupational Therapy Practice I**

This course presents the occupational therapy process for people with mental illness or disorders in the psychosocial realm with an emphasis on evidence-based practice. Students apply theory to practice with people in various psychosocial practice settings. Students select and apply appropriate frames of reference for use with case studies that are presented via various media. Students learn safety skills specific to mental health settings and learn the importance of team approaches in this practice area. The lecture and lab and concurrent Level I fieldwork course allow students to practice skills and documentation from evaluation to discharge planning. Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220. Offered at Providence  
5 Semester Credits

**OTD8280 Level IA Fieldwork**

This course places the students in a setting that exposes them to a population with psychosocial needs for 30 hours. Additionally, there are 15 hours of instructor-led simulation activities to assist in the development of clinical and professional behaviors expected of a practitioner. Simulation and fieldwork allow students to practice skills and documentation from evaluation to discharge planning. Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220. Offered at Providence  
1 Semester Credit

**OTD8290 Professional Practice I**

This course prepares students for their level II fieldwork placements through a series of learning experiences required prior to level II fieldwork. This course incorporates mandatory training for fieldwork including CPR, fire and electrical safety, and HIPAA. Prerequisite(s): OTD8120, OTD8140, OTD8160, Corequisite: OTD8210, OTD8220, OTD8240, OTD8250. Offered at Providence  
1 Semester Credit

**OTD8310 Leadership and Advocacy**

Students consider the role of the occupational therapist as a leader. Management and collaboration with others, including occupational therapy assistants, are emphasized with an overview of issues related to administration and leadership in varied settings and roles in which occupational therapists practice. Students use knowledge gained in this course to become active leaders and advocates of occupational therapy services in traditional and emerging practice areas. Research and evidence are intentionally integrated from other professions to highlight the similarity of concerns and approaches to management issues across disciplines. Prerequisite(s): OTD7060, OTD8140, OTD8345, OTD8380. Offered at Providence  
3 Semester Credits

**OTD8320 Research III**

This is the third course in the three-course sequence in research. In this course students build on what they have learned in Research I and Research II. They complete a publication ready systematic review on their research topic, and prepare and present their systematic review at the conclusion of the course. Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220. Offered at Providence  
3 Semester Credits

**OTD8330 Theoretical and Clinical Reasoning in Context**

This course requires students to integrate knowledge gained from foundational, practice and research courses in order to design, plan and implement reflective intervention strategies for complex cases. Students develop an understanding of the nature of clinical and professional reasoning, the various types of reasoning, and how they may be used in practice. Theories behind assessment and intervention are revisited to challenge students' thought processes and prepare them for the complex practice environment, including the reality of billing and reimbursement systems. Case studies, videos and other real-life experiences are used to promote the reflective processes involved in clinical and professional reasoning. Prerequisite(s): OTD8215, OTD8310, OTD8390, OTD8420, OTD8450, OTD8480. Offered at Providence  
3 Semester Credits

**OTD8345 Occupational Therapy Practice II**

This course presents the occupational therapy process for adults with primarily physical, cognitive and perceptual disorders with an emphasis on evidence-based practice. Students apply theory to practice with adults in various contexts. Students select and apply appropriate frames of reference to cases presented via various media. Students learn safety skills specific to physical disabilities settings and learn the importance of team approaches in this practice area. Students further refine skills related to safety, clinical reasoning, therapeutic use of self and intra- and interprofessional communication presented in the previous occupational therapy practice course. The lecture and lab and concurrent Level I fieldwork course allow students to practice skills and documentation from evaluation to discharge planning. Prerequisite(s): OTD7210, OTD7260, OTD8320, ((OTD8235, OTD8280) or OTD8240). Offered at Providence  
5 Semester Credits

**OTD8380 Level IB Fieldwork**

This course places the students in a setting that exposes them to an adult/rehabilitation population for 30 hours. Additionally, there are 15 hours of instructor-led simulation activities to assist in development of clinical and professional behaviors expected of a practitioner. Simulation and fieldwork allow students to practice skills and documentation from evaluation to discharge planning.

Prerequisite(s): OTD7210, OTD7260, OTD8320, ((OTD8235, OTD8280) or OTD8240).

Offered at Providence

1 Semester Credit

**OTD8395 Program Development and Grant Writing**

Students learn skills required to develop occupational therapy programs to meet the needs of today and tomorrow's healthcare, education and community systems. They work with local agencies to assess real community needs and develop a program which includes a business plan, program evaluation plan and marketing ideas. The major project of this course is to develop a new, grant-funded, community-based/community-built program.

Prerequisite(s): OTD7060, OTD8140, OTD8345, OTD8380.

Offered at Providence

2 Semester Credits

**OTD8420 Technology and Innovation in Occupational Therapy**

Through lecture and lab, this course provides instruction on the use of technology and its applications to support the inclusive and meaningful participation of individuals with disabilities in all settings. Students apply concepts of assistive technology to design devices and utilize services that provide alternatives for physical and sensory access, communication and learning. Students identify strategies to utilize assistive technology and modify tasks or the environment through the application of universal design principles. Students identify barriers and potential solutions based on various case studies and real-life examples.

Prerequisite(s): OTD7060, OTD8140, OTD8345, OTD8380.

Offered at Providence

2 Semester Credits

**OTD8455 Occupational Therapy Practice III**

This course presents the occupational therapy process for older adults emphasizing evidence-based practice for individuals, groups and populations. Students apply theory to practice with older adults in various contexts. Students select and apply appropriate models of practice and frames of reference, especially those related to wellness and health promotion to cases presented via various media. Students examine wellness, health promotion, community-based practice, and multiple chronic conditions, and apply these principles to aging populations and individuals. Students refine skills related to safety, clinical reasoning, therapeutic use of self, and intra- and interprofessional communication presented in the previous occupational therapy practice courses. The lecture, lab and concurrent Level I fieldwork experience allow students to practice skills and documentation from evaluation to discharge planning.

Prerequisite(s): OTD7060, OTD8140, OTD8345, OTD8380.

Offered at Providence

5 Semester Credits

**OTD8480 Level IC Fieldwork**

This course places the students in a setting that exposes them to an older adult/community population for 30 hours. Additionally, there are 15 hours of instructor-led simulation activities to assist in development of clinical and professional behaviors expected of a practitioner. Simulation and fieldwork allow students to practice skills and documentation from evaluation to discharge planning.

Prerequisite(s): OTD7060, OTD8140, OTD8345, OTD8380.

Offered at Providence

1 Semester Credit

**OTD8520 Introduction to Capstone II**

This course is designed to continue to support the students' doctoral capstone project by developing and creating their specific project before implementation. In this course, students build on their work in Introduction to Capstone I to finalize plans for the doctoral capstone, which provides students with in-depth learning focusing on clinical practice skills, research, administration, leadership, program development, policy development, advocacy and/or education. Students apply information from the literature and evidence-based methods to guide the design of their capstone project including the identification of methods and outcome measures. Students develop a thorough and detailed description of the proposed capstone project and a plan for implementation by working collaboratively with their mentor(s). They present their plans and defend their decisions to their capstone faculty mentor while incorporating feedback into their final written plans.

Prerequisite(s): OTD8215, OTD8310, OTD8395, OTD8420, OTD8455, OTD8480.

Offered at Providence

3 Semester Credits

**OTD8540 Contemporary Concepts in Occupational Therapy**

In this course, students examine the influence and relevance of contemporary concepts and issues associated with traditional and emerging practice areas. Students apply this knowledge to broaden their understanding and perspective of occupational therapy in the 21st century given the socio-political climate and the importance of promoting occupational therapy. Students learn how the requirements for the National Board for Certification in Occupational Therapy (NBCOT) and state licensure influence entering the profession and ongoing practice. Students complete an interprofessional experience, needs assessment and presentation on an opportunity for expanding occupational therapy practice.

Prerequisite(s): OTD8215, OTD8310, OTD8395, OTD8420, OTD8455, OTD8480.

Offered at Providence

2 Semester Credits

**OTD8560 Teaching and Learning in Occupational Therapy**

This course teaches students about the art and science of teaching and learning in occupational therapy. Students learn educational taxonomies and the application of these to health literacy education, education of consumers and families, education of other professionals, and education of students in a clinical setting and in a classroom. The course includes processes of instructional design, approach to adult education, establishment of client education programs, educating groups and becoming a fieldwork educator and clinical supervisor.

Prerequisite(s): OTD8215, OTD8310, OTD8395, OTD8420, OTD8455, OTD8480.

Offered at Providence

2 Semester Credits

**OTD8660 Occupational Therapy Practice IV**

This course presents the occupational therapy process for pediatrics. Students utilize evidence and apply theory to practice with children in various contexts. Students develop skills in family education, team approach, and intra- and interprofessional interactions. Students further refine skills related to safety, clinical reasoning and therapeutic use of self presented in the previous occupational therapy practice courses. The lecture, lab and concurrent Level I fieldwork course allow students to practice skills and documentation from evaluation to discharge planning.

Prerequisite(s): OTD8215, OTD8310, OTD8395, OTD8420, OTD8455, OTD8480.

Offered at Providence

5 Semester Credits

**OTD8720 Level ID Fieldwork**

This course places the students in a setting that exposes them to the pediatric population for 30 hours. Additionally, there are 15 hours of instructor-led simulation activities to assist in development of clinical and professional behaviors expected of a practitioner. Simulation and fieldwork allow students to practice skills and documentation from evaluation to discharge planning.

Prerequisite(s): OTD8215, OTD8310, OTD8395, OTD8420, OTD8455, OTD8480.

Offered at Providence

1 Semester Credit



### **OTD9810 Level IIA Fieldwork**

Level II Fieldwork is a 12-week, full-time placement in a setting that allows for experiential learning under the direction of a licensed occupational therapist. Students develop entry-level competence by working directly with clients who receive occupational therapy. The student contributes in the evaluation process, planning and implementing treatment programs, communicating effectively, and developing professional relationships. Students work under the supervision of an OTR who meets criteria as a fieldwork educator as defined by the Accreditation Council for Occupational Therapy (ACOTE). The academic fieldwork coordinator selects the practice environments in collaboration with community partners and students. While Level IIA and Level IIB Fieldwork experiences are sequential, they both offer students entry-level exposure to a different area of occupational therapy practice. Opportunities to engage in research or an emerging practice environment may be offered for either of the Level II Fieldwork courses. Prerequisite(s): OTD8330, OTD8520, OTD8540, OTD8560, OTD8660, OTD8720. Offered at Providence  
9 Semester Credits

### **OTD9860 Level IIB Fieldwork**

Level II Fieldwork is a 12-week, full-time placement in a setting that allows for experiential learning under the direction of a licensed occupational therapist. Students develop entry-level competence by working directly with clients who receive occupational therapy. The student contributes to the evaluation process, planning and implementing treatment programs, communicating effectively, and developing professional relationships. Students work under the supervision of an OTR who meets criteria as a fieldwork educator as defined by the Accreditation Council for Occupational Therapy (ACOTE). The academic fieldwork coordinator selects the practice environments in collaboration with community partners and students. While Level IIA and Level IIB Fieldwork experiences are sequential, they both offer students entry-level exposure to a different area of occupational therapy practice. Opportunities to engage in research or an emerging practice environment may be offered for either of the Level II Fieldwork courses. Prerequisite(s): OTD9810. Offered at Providence  
9 Semester Credits

### **OTD9910 Doctoral Capstone Project**

In this course, students apply advanced knowledge to practice by integrating the doctoral capstone experiential learning and activities into a culminating doctoral capstone project. The capstone project demonstrates a synthesis of new, advanced knowledge learned in the program, the transformation of students' views of the world of occupational therapy, and how it fits within the broader world and the expected outcomes of the program, in order to develop advanced skills beyond a generalist level. Students present their doctoral capstone projects at a JWU OTD research forum. Prerequisite(s): OTD9860, Corequisite: OTD9920. Offered at Providence  
3 Semester Credits

### **OTD9920 Doctoral Capstone Experience**

Students participate in a pre-approved 14-week, full-time doctoral capstone experience, which focuses on clinical practice skills, research skills, administration, leadership, program and policy development, advocacy, education, or theory development. Prerequisite(s): OTD9860, Corequisite: OTD9910. Offered at Providence  
10 Semester Credits

## **Philosophy (PHIL) Courses**

### **PHIL3015 History of Philosophy**

This course is a survey of the development of Western philosophic thought. A clear sense is gained of the relative richness and poverty of philosophic interpretation of different periods. The thinking and works of outstanding philosophers of each period are considered, and the major schools of philosophic thought and their adherents are reviewed. Some of the major problems of philosophy are examined: appearance versus reality, determinism versus free will, knowledge and existence, body-mind relations, truth and error, good and evil, space and time, reality and what we can know. Prerequisite(s): ENG1021 or ENG1027. Offered at Online, Providence  
3 Semester Credits

### **PHIL3020 Crisis and Controversy: A Critical Thinking Approach**

This course encourages students to use critical thinking skills in order to make decisions, solve problems, develop new ideas, evaluate arguments and tolerate ambiguity while exploring complex social questions. Emphasis is on understanding the elements of reasoning, imposing criteria and intellectual standards upon reasoning, and assessing individual thinking processes. Students hone critical thinking skills by actively engaging in the study of social conflicts and controversies that operate at individual, communal and global levels. Prerequisite(s): ENG1020 or ENG1024 or English placement. Offered at Providence  
3 Semester Credits

### **PHIL3045 Honors Seminar: Ethics**

This Honors Seminar examines central figures in the history of moral philosophy, such as Aristotle, Hobbes, Hume, Mill and Kant. While the primary focus will be on understanding these influential thinkers in their historical contexts and their distinctive approaches to ethics, we will also seek to show the relevance of their views to timeless questions. What is the best way to live? How do we distinguish good from evil? Should we be moral? We will discuss these thinkers' answers to these questions, and apply those answers to contemporary moral discourse, including public policy, environmental issues and business ethics. Prerequisite(s): ENG1024 or English placement, honors or SHARP status. Offered at Charlotte, Providence  
3 Semester Credits

### **PHIL3240 Ethics: A Global Perspective**

This course examines the basic principles of ethics and their philosophical foundations particularly as they apply to contemporary global issues. Students explore such important topics as business, labor conditions, war and refugee crises, gender and gender orientation inequality, environmental damage, and famine, poverty and the unequal distribution of wealth. Through the examination of philosophical texts and case studies, including case studies drawn from business organizations, students learn to identify ethical issues of global significance, analyze the causes of these problems, and propose practical, ethical solutions to these problems. Prerequisite(s): ENG1020 or ENG1024 or English placement. Offered at Charlotte, Online, Providence  
3 Semester Credits

### **PHIL3400 Death & Dying**

This course explores the subjects of death and dying. It examines the meaning given to death, rituals associated with death and concepts of the afterlife in a variety of Western and non-Western cultures and religions. It explores the role that death plays in human life, examines the grieving process and considers ethical issues associated with death, such as the artificial prolongation of life. Prerequisite(s): ENG1021 or ENG1027. Offered at Providence  
3 Semester Credits

## **Physician Assistant Studies (PAS) Courses**

### **PAS5110 Applied Anatomy**

This lecture and laboratory course covers the anatomy most relevant to clinical practice as a physician assistant through the use of prosection and dissection of human cadavers. The course proceeds through each of the body organ systems with presentations emphasizing normal and clinically relevant gross, regional and surface anatomy to include the musculoskeletal, neurologic, cardiovascular, respiratory, endocrine, gastrointestinal, renal and reproductive systems. This course complements, enhances and assists the student with integration of this information into the physical examination skills taught in the Patient Care I course. As part of this course, clinical correlations introduce the student to principles of radiologic imaging and laboratory studies to further recognize and evaluate normal anatomy, conditions and pathology. Applied Anatomy also serves to provide a foundation for the practical application of anatomical knowledge needed for the study and understanding of diseases which are taught in the Clinical Medicine courses and ultimately clinical practice. Offered at Providence  
4 Semester Credits

### **PAS5200 Foundations of Medicine**

This lecture-based course provides the foundation of the basic scientific concepts and principles needed for the study and treatment of diseases. It consists of five modules: Microbiology, Immunology, Genetics, Cell Physiology and Introduction to Pharmacology. The five modules of the course provide the molecular and cellular basis of diseases which is vital for understanding the mechanisms of disease pathogenesis. The cell physiology module presents the physiological fundamentals and processes at the human cellular and tissue level necessary for understanding disease processes and drug metabolism. The genetics module presents the basic concepts and principles of genetics, the basic architecture of the genome, mechanisms of disease related to genetic changes, and gene therapy, to build upon the role of genetics in disease risk, development and prevention. The microbiology and immunology modules introduce and explore the roles of bacteria, viruses and other infectious-disease-causing microorganisms in humans. The module covers useful diagnostic laboratory procedures and emphasizes the clinical significance of pathogenicity and therapy. The Introduction to Pharmacology module presents the basic scientific principles of pharmacology, pharmacokinetics, pharmacodynamics and biotransformation needed to understand the therapeutic uses and effects of drugs. The module provides an introduction of how to apply these principles to classes of drugs using prototype and common examples in each class. Offered at Providence

4 Semester Credits

### **PAS5325 Patient Care I**

Patient Care I is a lecture- and laboratory-based course designed to teach the principles and techniques for obtaining, performing and documenting a comprehensive medical history and complete physical examination. Lectures focus on history taking skills including communication and interviewing skills and humanistic principles. The normal physiologic findings for each system of the body in addition to initial introduction to abnormal findings indicative of disease states are also presented. The laboratory sessions focus on developing, practicing and meeting a defined level of skill needed to competently perform both the medical interview and a complete head to toe physical examination. Instructional techniques include lecture, small and large group dynamics, practical experience and critiques of interviewing, communication and physical examination skills by peers and faculty. Offered at Providence

4 Semester Credits

### **PAS5345 Professional and Health Policy Issues I**

Professional and Health Policy Issues (I–III) is a course which spans all three (3) first-year semesters. It is a lecture and small group course which focuses on practical principles related to medical ethics and professionalism, cultural awareness and bias, healthcare delivery and policy issues, behavior change principles, the opioid epidemic and public health as they relate to the role and responsibilities of a physician assistant. Professional and Health Policy Issues I (PHP I) begins with an exploration of the program's emphasis on humanism in medicine. It introduces the student to principles related to medical ethics and includes the AAPA Guidelines for Ethical Conduct for the Physician Assistant Profession. It includes instruction and discussion related to the laws and regulations regarding professional practice. Students explore and evaluate their own and others' cultural beliefs and values regarding health and illness, in order to understand the wide range of cultural differences and to navigate those differences comfortably for the best care of and relationship with the patient and significant others. As future providers within the U.S. healthcare system, students receive an overview of healthcare delivery systems. This course also includes the history and development of the physician assistant profession, its institutions, and current trends regarding legislation and regulations affecting PA practice. Finally, PHP I includes an introduction to the principles and practice of public health. Offered at Providence

2 Semester Credits

### **PAS5425 Patient Care II**

This lecture, lab, and small group course is designed to provide the student with opportunities to use their previous and ongoing fund of knowledge and skills and apply those to case-based patient scenarios. It is designed to teach and foster sound clinical decision-making using evidence-based practices. The focus of this interactive course experience is the medical history, physical examination, clinical reasoning, laboratory evaluation, diagnosis, patient education and counseling for common problems encountered in primary care practice. In addition, the course stresses practice and implementation of humanistic techniques and approaches. The topics presented correlate with the disease states covered in the semester clinical medicine series.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

3 Semester Credits

### **PAS5456 Professional and Health Policy Issues II**

Professional and Health Policy Issues (I–III) is a course sequence which spans all three (3) first-year semesters. These are lecture and small group courses which focus on practical principles related to medical ethics and professionalism, healthcare delivery and policy issues, and public health as they relate to the role and responsibilities of a physician assistant. In addition, this course sequence addresses the theoretical basis of behavior change, and the principles and application of inter-professional practice. Physician assistants are faced with a wide range of challenging decisions regarding what is professionally appropriate, ethical and legal, and supported by high-quality evidence in the day-to-day interactions with their patients, their supervising physicians, other health care providers, insurance companies, and the healthcare system. This course provides instruction, guidance and practice in navigating and negotiating these interactions.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1.5 Semester Credits

### **PAS5470 Introduction to Evidence-Based Practice**

The course provides an introduction to evidence-based practice and an in-depth review of research methods utilized in clinical medicine. Emphasis is placed on clinical questions typically encountered in PA practice and the tools available to answer them. The topics presented in the course provide the students with a basis for searching and interpreting the medical literature. Students explore the application of research in clinical practice guidelines related to topics in the clinical medicine course series.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1 Semester Credit

### **PAS5480 Food is Medicine I**

This course is the first of a two-semester series exploring the role that diet has on health and wellness and providing graduate students with a framework to provide patients during future clinical practice. Students explore trends in diet utilized in treatment and in health promotion and disease prevention of common disease including cardiovascular disease, diabetes, gastrointestinal disease, cancer and obesity. This course takes an interdisciplinary and collaborative approach to bridge knowledge-deficiencies that exist in traditional healthcare. Lecture and laboratory sessions are designed to improve understanding of how nutrition may impact health and wellness in the patients of the future healthcare providers while providing insight into the barriers to following a particular diet plan. The final project for the course sequence is to develop a customized menu to address health requirements of a disease presented in the class.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1 Semester Credit

**PAS5515 Clinical Hematology**

This system-based lecture course teaches PA students fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in the hematology system. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course coordinates with the Patient Care course series to refine history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the life span. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1 Semester Credit

**PAS5525 Clinical EENT**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in eyes, ears, nose and throat systems. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care II course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

2 Semester Credits

**PAS5540 Clinical Pulmonology**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in the pulmonary system across the lifespan. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care II course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

3 Semester Credits

**PAS5565 Clinical Dermatology**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in the integumentary system across the lifespan. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care II course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1 Semester Credit

**PAS5575 Clinical Behavioral Medicine**

This system-based lecture course teaches the students fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in the behavioral medicine system across the life span. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course coordinates with the Patient Care course series to refine history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the life span. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1 Semester Credit

**PAS5580 Clinical Cardiology**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in the cardiovascular system across the lifespan. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care II course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

4 Semester Credits

**PAS5736 Patient Care III**

This lecture and small group course is designed to provide students with opportunities to use their previous and ongoing fund of knowledge and skills and apply those to case-based patient scenarios. It is designed to teach and foster sound clinical decision-making using evidence-based practice. The focus of this interactive course experience is the medical history, physical examination, clinical reasoning, laboratory evaluation, diagnosis, and patient education and counseling for common problems encountered in primary care practice. In addition, the course stresses practice and implementation of humanistic techniques and approaches. The cases presented follow those disease states covered in the concurrent Clinical Medicine courses.

Prerequisite(s): PAS5325, PAS5425.

Offered at Providence

3 Semester Credits

**PAS5767 Professional and Health Policy Issues III**

Professional and Health Policy Issues (I–III) is a course sequence which spans all three (3) first-year semesters. These are lecture and small group courses which focus on practical principles related to medical ethics and professionalism, healthcare delivery and policy issues, and public health as they relate to the role and responsibilities of a physician assistant. In addition, this course sequence addresses the theoretical basis of behavior change, and the principles and application of inter-professional practice. Professional and Health Policy Issues III continues with topics such as the theory and practice of behavior change, integrative medicine, medical ethics, professional practice, health policy issues, and death and dying.

Prerequisite(s): PAS5345, PAS5456.

Offered at Providence

1.5 Semester Credits

**PAS5782 Food is Medicine II**

This course is the second of a two-semester series exploring the role that diet has on health and wellness and providing graduate students with a framework to provide patients during future clinical practice. Students explore trends in diet utilized in treatment and in health promotion and disease prevention of common disease including cardiovascular disease, diabetes, gastrointestinal disease, cancer and obesity. This course takes an interdisciplinary and collaborative approach to bridge knowledge-deficiencies that exist in traditional healthcare. Lecture and laboratory sessions are designed to improve understanding of how nutrition may impact health and wellness in the patients of the future healthcare providers while providing insight into the barriers to following a particular diet plan. The final project for the course sequence is to develop a customized menu to address health requirements of a disease presented in the class.

Prerequisite(s): PAS5345, PAS5456, PAS5480.

Offered at Providence

1 Semester Credit

**PAS5810 Clinical Nephrology and Urology**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in renal and urinary systems across the lifespan. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care III course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

3 Semester Credits

**PAS5825 Clinical Orthopedics and Rheumatology**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in orthopedic and rheumatic systems across the lifespan. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care III course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

3 Semester Credits

**PAS5830 Clinical Gastroenterology**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in gastroenterology across the life span. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care course series to refine history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the life span. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

2 Semester Credits

**PAS5845 Clinical Neurology**

This system-based lecture course teaches the students fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in the neurological system. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course coordinates with the Patient Care course series to refine history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the life span. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

2 Semester Credits

**PAS5860 Clinical Endocrinology**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in endocrine system across the lifespan. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care III course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

2 Semester Credits

**PAS5870 Clinical Infectious Disease**

This system-based lecture course teaches PA students fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in the infectious disease system. The course builds upon the knowledge attained in previous clinical medicine courses and applies it to the recognition, evaluation, treatment and management of infectious disease. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course coordinates with the Patient Care course series to refine history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the life span. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1 Semester Credit

**PAS5880 Clinical Gynecology and Obstetrics**

This system-based lecture course is designed to teach the student fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnostic testing, and treatment of disease states and conditions commonly encountered in gynecology and obstetrics. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care III course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute, emergent and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

3 Semester Credits

**PAS5891 Clinical Pediatrics**

This life-span special population lecture course teaches PA students the development, clinical medicine, pathophysiology, and diagnostic testing in the pediatric population. The course builds upon the knowledge attained in previous clinical medicine courses and applies it to the recognition, evaluation, treatment and management, including referral of common clinical conditions and diseases seen in the pediatric population. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented is included. This course coordinates with the Patient Care III course refining history taking and physical examination skills related to problem-specific encounters.

Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the life span. Lectures present the most common clinical conditions seen in the pediatric population. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

2 Semester Credits

**PAS5910 Emergency Medicine**

This case-based course is designed to build upon the knowledge attained in the clinical medicine course series and apply it to the recognition, evaluation, treatment and management of common clinical conditions presenting in emergency medicine. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. Additionally, the course serves as a transition to the clinical year to provide students with the needed skills to effectively navigate their learning in the clinical setting. This course is coordinated with the Patient Care III course refining the approach to the patient presenting to emergency medicine. Together, these evidence-based courses encompass initial presentation through disposition with a humanistic approach to a patient-centered medical model throughout the lifespan. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5425, PAS5510, PAS5525, PAS5540, PAS5565, PAS5580, PAS5590.

Offered at Providence

2 Semester Credits

**PAS5930 Problem-Based Learning**

Problem-Based Learning (PBL) uses clinical cases to stimulate critical thinking, knowledge application and integration related to diseases covered in the clinical medicine course series. Through this active, collaborative, case-based learning process, students acquire a deeper understanding of the principles of medicine by exploring all aspects of critical thinking in patient care from presentation through treatment. Students enhance the understanding of evidence-based medicine and further acquire the skills necessary for lifelong learning.

Prerequisite(s): PAS5325, PAS5425, PAS5470.

Offered at Providence

2.5 Semester Credits

**PAS5950 Clinical Geriatrics**

This life-span special population lecture course teaches PA students the clinical medicine, preventative medicine, alterations in physiology, common pathophysiology, and diagnostic testing in the geriatric population. The course builds upon the knowledge attained in previous clinical medicine courses and applies it to the recognition, evaluation, treatment and management, including referral of common clinical conditions and diseases seen in the geriatric population. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented is included. This course coordinates with the Patient Care III course refining history taking and physical examination skills related to problem-specific encounters. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the life span. Lectures present the most common clinical conditions unique to the geriatric population. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1 Semester Credit

**PAS5960 Surgical Principles**

This system-based lecture course is designed to teach the student fundamental general surgery principles. The course builds upon the knowledge attained in previous clinical medicine courses and applies it to the recognition, evaluation, treatment and management of patients requiring surgery. Appropriate ordering and interpretation of diagnostic tests and pharmacological treatment as related to the disease states presented are included. This course is coordinated with the Patient Care III course refining history taking and physical examination skills related to surgical patients. Together, these evidence-based courses encompass initial presentation through follow-up care with a humanistic approach to a patient centered medical model throughout the life span. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice.

Prerequisite(s): PAS5110, PAS5200, PAS5325, PAS5345.

Offered at Providence

1 Semester Credit

**PAS6200 Family Medicine Clinical Course**

This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in family medicine. Students gain experience in the evaluation, treatment and management (including referral) of common diseases and conditions encountered in an outpatient family medicine setting emphasizing infant, child, adolescent, adult and geriatric patients. Students actively engage in applying medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of common problems encountered in ambulatory family medicine settings to include infant, child, adolescent, adult and geriatric patients. Students also work to incorporate a collaborative patient-centered, humanistic approach to the care of their patients. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

**PAS6250 Internal Medicine Clinical Course**

This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in internal medicine. Students gain experience in the prevention, diagnosis and treatment of adult and geriatric patients in either the ambulatory/outpatient or hospital/inpatient settings. Students actively engage in applying the medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of acute, chronic and emergent problems commonly encountered in the internal medicine outpatient and inpatient settings. Students also work to incorporate a collaborative patient-centered, humanistic approach to the care of patients. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

**PAS6300 Pediatric Medicine Clinical Course**

This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in a pediatric care setting. Students actively engage in applying medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of common medical problems and issues encountered in pediatric medicine. Students also work to incorporate a collaborative patient-centered, humanistic approach to the care of pediatric patients. Students gain knowledge and experience in the efficient and effective evaluation, treatment and management (including referral) of common acute and chronic diseases and conditions encountered in the pediatric population to include infants, toddlers, children and adolescent patients as well as the assessment and evaluation of the well child and growth and development milestones across these age groups. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

**PAS6350 Women's Health Clinical Course**

This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in women's health. Students actively engage in applying the medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of common medical problems and issues encountered in women's health. A collaborative patient-centered, humanistic approach as well as health promotion, disease prevention, patient education and counseling are incorporated in student encounters with patients. Students gain knowledge, experience and clinical skills needed to effectively recognize, manage and treat common acute, urgent, emergent and chronic diseases and conditions encountered in gynecology, obstetrics and prenatal care. Students also focus on routine women's and prenatal healthcare maintenance and the changing health needs of women throughout their life span. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

### **PAS6400 Emergency Medicine Clinical Course**

This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in the emergency department setting. Students actively engage in applying medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of acute, urgent and emergent problems commonly encountered in emergency medicine. Students gain knowledge and experience in the rapid and methodical assessment, evaluation, stabilization and treatment of acutely ill, traumatic, urgent, life-threatening and/or emergent pediatric, adult and geriatric patient presentations and work as a member of the emergency department team. Students work under the supervision of a program-determined preceptor or the preceptor's designee(s).

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

### **PAS6450 Behavioral and Mental Health Clinical Course**

This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in the behavioral/mental health setting. Students gain knowledge and experience toward the refinement of skills needed for the unique medical, physiological, behavioral and psychosocial components and issues common to the practice of psychiatry, behavioral and mental health. Students actively engage in applying the medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of common problems in patients with psychiatric, emotional and behavioral disturbances. Students work under the supervision of a program-determined licensed healthcare professional or the professional's designee(s) and adapt the standard medical history, physical examination, diagnostic and treatment plans to the psychiatric patient. Students also work to incorporate a collaborative patient-centered, humanistic approach to the care of patients.

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

### **PAS6500 Surgery Clinical Course**

This five-week required clinical rotation for second-year PA students focuses on the evaluation, treatment and management of common emergent, urgent, acute and chronic surgical diseases and conditions encountered in adult and geriatric patients to include pre-operative, intra-operative and post-operative care and management. Students actively engage in applying the medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of problems encountered in the inpatient surgical setting. In addition, students work to expand their knowledge of surgical care as well as their surgical skills through active participation and engagement as part of the surgical team both within the hospital and operating suite settings. Students work under the supervision of a physician preceptor or the preceptor's designee(s).

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

### **PAS6600 Clinical Elective Course I**

Students are granted the opportunity to complete two five-week elective rotations designed to facilitate their ability to evaluate health-related problems encountered in an area of medical interest. It can include the choice to obtain additional experience in one or two of the core rotation disciplines or other medical specialties. Students actively engage in applying basic medical knowledge, demonstrating and continuing development of their clinical reasoning and communication skills to the evaluation, treatment and management of common diseases and conditions encountered within the discipline or medical specialty chosen. The experience enhances students' understanding of the role of a physician assistant within their chosen elective as well as to the unique care needs of the patient population within this medical setting. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

### **PAS6700 Clinical Elective Course II**

Students are granted the opportunity to complete two five-week elective rotations designed to facilitate their ability to evaluate health-related problems encountered in an area of medical interest. It can include the choice to obtain additional experience in one or two of the core rotation disciplines or other medical specialties. Students actively engage in applying basic medical knowledge, demonstrating and continuing development of their clinical reasoning and communication skills to the evaluation, treatment and management of common diseases and conditions encountered within the discipline or medical specialty chosen. The experience enhances students' understanding of the role of a physician assistant within the chosen elective as well as to the unique care needs of the patient population within this medical setting. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

4.5 Semester Credits

### **PAS6800 Master's Course**

This course synthesizes learning from didactic coursework and supervised clinical practice experiences. Students participate in learning sessions that pertain to clinical medicine, patient care, and the transition to professional PA practice. Students also complete accreditation requirements for graduation, including a summative written examination, an Objective Structured Clinical Examination (OSCE), and an evidence-based medicine capstone project using research techniques.

Prerequisite(s): Completion of all Year 1: Didactic Year Courses.

Offered at Providence

1 Semester Credit

## **Physical Therapy (DPT) Courses**

### **DPT7050 Musculoskeletal Anatomy**

Knowledge of human anatomy and histology is essential for physical therapists to make clinical decisions regarding examination, evaluation, diagnosis and prognosis, as well as developing a plan of care for their patients/clients. This course is an in-depth study of the human body which includes human cadaveric prosection, live palpation on peers, and the use of lecture/discussion. Students apply the knowledge gained during this course to all subsequent physical therapy courses throughout the curriculum. Normal anatomy is examined in the context of its application to patient cases, to understand the complex interaction of human tissues (histology) and organ stressors (including environmental interaction, aging and disease processes) that result in physiological responses that may lead to impairments of the human movement system.

Offered at Providence

4 Semester Credits

### **DPT7100 Foundations of Evidenced-Based Medicine**

This course provides students with the foundations of evidence-based medicine. Students learn to develop a well thought out, clear and answerable clinical question, conduct a literature search, interpret the literature and draw conclusions based upon their clinical question. Students familiarize themselves with the use of annotation and citation management software, as well as the tenets of experimental design and statistical testing as they relate to different types of clinical research. Students assess the quality of the experimental design and statistical analysis used in the articles they are consuming as evidence-based clinicians.

Offered at Providence

2 Semester Credits

### **DPT7150 Physical Agents in Physical Therapy**

This course describes the fundamental principles, physiological effects and clinical reasoning skills in the safe and effective use of physical therapy modalities/physical agents. Students practice the application of commonly utilized physical agents including thermotherapy, cryotherapy, ultrasound, mechanical traction, light/laser as well as compression devices/techniques. Manual modalities including basic massage and soft tissue techniques, myofascial and trigger point release is also discussed/practiced.

Offered at Providence

2 Semester Credits

**DPT7200 Patient Mobility and Safety**

In this course, students master patient handling activities. At the conclusion of the course, students are able to demonstrate appropriate ways to efficiently and safely teach/perform bed mobility, patient transfers, patient guarding and gait training with/without a variety of assistive devices including manual wheelchair usage. Students develop skills ensuring the use of proper body mechanics and other strategies to avoid injury to themselves and/or their patients.

Offered at Providence

3 Semester Credits

**DPT7250 Exercise Physiology and Wellness**

This course enables the student to understand changes in strength, flexibility, endurance and balance over the course of a patient/person's lifetime. Key components of the course include applying concepts of neural adaptation/plasticity as well as exercise dosing/loading with physiologic changes due to the aging/disease processes across the lifetime in order to achieve patient and therapeutic goals. The course provides students with an opportunity to explore health and wellness opportunities for the physical therapist.

Offered at Providence

3 Semester Credits

**DPT7300 Integrated Clinical Experience and Professional Development I**

The APTA Code of Ethics and Core Values for professionalism serves as the framework for all activities in this course. In addition to spending 15 hours engaged in on-campus professional development activities, students complete 48 hours of integrated clinical experience (ICE) at an off-site clinic in the outpatient orthopedic setting. The ICE experience includes observation of clinical care, participation with known evaluative techniques and treatment interventions, as well as opportunities to practice and develop interpersonal skills and professional behavior, under the supervision of a licensed physical therapist. During an orientation to the full-time clinical experience phase of the program, students submit clinical site placement requests and develop personal clinical learning objectives. Each student creates an online professional profile that will be made available to prospective clinical sites.

Prerequisite(s): DPT7250.

Offered at Providence

1 Semester Credit

**DPT7350 Spine Examination and Treatment**

This course prepares the student to practice entry-level orthopedic physical therapy in the region of the spine, including concussion and post-concussion syndrome. The course includes an in-depth analysis of the evaluation and management of musculoskeletal dysfunction in the region of the spine, including concussion and post-concussion syndrome, throughout the life span. Students critically review existing orthopedic assessment and intervention practices utilizing evidence-based literature combined with patient-defined goals and beliefs. This course emphasizes manual techniques such as mobilization, manipulation, Strain-Counterstrain, muscle energy techniques, and neural mobilization (for assessment and treatment) with evidence-based support. This course requires students to evaluate the patient as a whole, including screening for psychosocial factors, and utilize critical thinking in order to rule out conditions requiring referral to another provider in a direct access environment.

Prerequisite(s): DPT7250.

Offered at Providence

5 Semester Credits

**DPT7400 Extremity Examination and Treatment**

This course prepares the student to practice entry-level orthopedic physical therapy for the extremities. The course includes an in-depth analysis of the evaluation and management of musculoskeletal dysfunction for the extremities throughout the life span. Students critically review existing orthopedic assessment and intervention practices utilizing evidence-based literature combined with patient-defined goals and beliefs. This course emphasizes manual techniques such as mobilization, manipulation, Strain-Counterstrain, and neural mobilization (for assessment and treatment) with evidence-based support. This course requires students to evaluate the patient as a whole, including screening for psychosocial factors, and utilize critical thinking in order to rule out conditions requiring referral to another provider in a direct access environment.

Prerequisite(s): DPT7250.

Offered at Providence

5 Semester Credits

**DPT7450 Biomechanics**

This course complements the DPT Musculoskeletal Anatomy course.

It presents students with a comprehensive theoretical framework for understanding normal and abnormal human movement patterns. The course is guided by the concept that in order to treat movement system dysfunction, it is first necessary to understand normal movement, motor control and coordination processes. Students learn the relationship between movement patterns in relation to an individual's functional anatomy, biomechanics, and surrounding environment. Motor control theory is incorporated into the ICF disablement model so that normal age-specific and disease-specific processes can be properly described. The course allows the student to gain a better understanding of aberrant movement patterns/strategies so that they will be better able to develop a comprehensive patient-centric treatment approach across a variety of age groups and conditions.

Prerequisite(s): DPT7250.

Offered at Providence

4 Semester Credits

**DPT7500 Diagnostic Imaging**

This course provides the student with an understanding of the capabilities, limitations and clinical implications of diagnostic imaging, including plain radiographs, computed tomography, magnetic resonance imaging (and its many forms), diagnostic ultrasound, and an introduction to electromyography. Students must identify the most appropriate diagnostic imaging test and, when indicated, order and interpret diagnostic images relevant in musculoskeletal assessment and management. Radiologic anatomy, normal variants, and pathological and traumatic conditions are reviewed.

Prerequisite(s): DPT7250.

Offered at Providence

2 Semester Credits

**DPT7600 Orthopedic Culmination and Comprehensive Practicum**

This is the first comprehensive practicum in the DPT curriculum. This course reviews and enhances content taught in semesters 1 and 2 in order to promote entry-level competency. Simulated patients are brought to life using case-based scenarios which require the student to perform a chart review, patient history including psychological and psychosocial screening, systems screening and physical examination. Students use this data to develop a physical therapy diagnosis and comprehensive treatment plan with appropriate progression. Students perform selected physical therapy tests and measures and interventions in order to demonstrate their mastery of evidence-based, entry-level orthopedic physical therapy in a practical setting. This process is designed to simulate the challenges students will face during their full-time clinical experiences. This practicum is the first step in certifying student readiness for their full-time clinical experiences. Students must successfully pass this practicum in order to continue in the curriculum.

Prerequisite(s): DPT7300.

Offered at Providence

2 Semester Credits

**DPT7650 Pharmacology for Physical Therapists**

This course provides the student with an entry-level understanding of pharmacology as it pertains to patients undergoing physical therapy. Emphasis is placed on the study of commonly prescribed drugs and their effects on the human body globally and at the tissue level. Students recognize common drug side effects as well as how the drug may influence their patient's response to physical therapy interventions. Students also learn the principles of pharmacokinetics, pharmacodynamics, dose-response relationships, administration routes, absorption and distribution, biotransformation and excretion, potential drug interactions and toxicology.

Prerequisite(s): DPT7300.

Offered at Providence

2 Semester Credits



**DPT7700 Essentials of Rehabilitation Technology**

This course provides instruction on the concepts and use of technology and its applications commonly found in rehabilitation settings. Students apply concepts of assistive technology that provide alternatives for physical and sensory access, communication, and learning. Students identify and utilize assistive technology to modify tasks or the environment through the application of universal design principles. Students identify barriers and potential solutions based on various case studies and real-life examples.

Prerequisite(s): DPT7300.

Offered at Providence

2 Semester Credits

**DPT7750 Cardiovascular, Pulmonary, Digestive and Endocrine Anatomy**

Students examine the anatomy and histology of the cardiovascular, pulmonary, digestive and endocrine system. Students explore pathological changes in these systems across the life span and their influences on the patient's ability to function and respond to physical therapy interventions.

Prerequisite(s): DPT7300.

Offered at Providence

4 Semester Credits

**DPT7800 PT for Medically Complex Patients**

Students develop an understanding of pathology underlying clinical disease states and involving the major organ systems across the life span. Epidemiological issues are presented and discussed. Principles of multi-system diseases, their prevention, treatment and rehabilitation are examined. Students are introduced to medical diagnostic procedures and their impact on physical therapy practice. In addition, evidence-based wound care solutions are discussed and practiced within the laboratory setting. Students learn to recognize pathology signs and symptoms that are considered "red flags" for serious diseases. Students use problem-solving skills and information about pathology to decide when referral to another healthcare provider or alternative intervention is indicated.

Prerequisite(s): DPT7300.

Offered at Providence

4 Semester Credits

**DPT7850 Medically Complex Culmination and Comprehensive Practicum**

This is the second comprehensive practicum in the DPT curriculum. This course reviews and enhances content taught in semesters 1 through 3 in order to promote entry-level competency. Simulated patients are brought to life using case-based scenarios featuring medically complex (multisystem involvement) patients who also possess orthopedic considerations. Students perform a chart review, patient history including psychological and psychosocial screening, systems screening and physical examination. Students use this data to develop a physical therapy diagnosis and comprehensive treatment plan with appropriate progression. Students perform selected physical therapy tests and measures and interventions in order to demonstrate their mastery of evidence-based, entry-level orthopedic physical therapy in a practical setting. This process is designed to simulate the challenges students will face during their full-time clinical experiences. This practicum is the second step in certifying student readiness for their full-time clinical experiences. Students must successfully pass this practicum in order to continue in the curriculum.

Prerequisite(s): DPT7300.

Offered at Providence

2 Semester Credits

**DPT8050 Integrated Clinical Experience and Professional Development II**

The APTA Code of Ethics and Core Values for professionalism serve as the framework for all activities in this course. In addition to spending 15 hours engaged in on-campus professional development activities, students complete 44 hours of integrated clinical experience (ICE) at an off-site clinic in the outpatient orthopedic setting, and four hours observing the delivery of physical therapy services in the medically complex setting. ICE experiences in settings outside of outpatient orthopedics may be considered based upon the student's interests and site availability. The ICE experience includes observation of clinical care, participation with known evaluative techniques and treatment interventions, as well as opportunities to practice and develop interpersonal skills and professional behavior, under the supervision of a licensed physical therapist. The student begins to understand their role as a member of the larger healthcare team, including the use of support personnel and physical therapist assistants, practice ethical decision-making, consider differential diagnoses based on evaluative findings, and suggest appropriate treatment progressions for non-complex patients.

Prerequisite(s): DPT7850.

Offered at Providence

1 Semester Credit

**DPT8100 Psychologically Informed Physical Therapy**

This course provides the student with a comprehensive look at the multidimensional nature of pain and physical disability, and how these factors influence the patient's function and response to physical therapy interventions. Particular emphasis is placed on pain neuroscience, pain assessment and measurement, the mechanism for conversion of acute pain to chronic pain, screening for psychosocial factors that may be contributing to chronic pain, and utilization of biopsychosocial pain management techniques such as cognitive behavioral therapy, mindfulness technique and pain neuroscience education. Select clinical conditions are examined. Class assignments and testing require students to model the elements of biopsychosocial care in simulated patient situations.

Prerequisite(s): DPT7850.

Offered at Providence

2 Semester Credits

**DPT8150 Neuroanatomy for the Physical Therapist**

This course presents an integrated approach to the general principles of organization and function of the nervous system (autonomic, peripheral and central systems). This course features an in-depth look at the human nervous system, through electronic media and cadaveric prosection, live palpation on peers and the use lecture/discussion. Normal anatomy is examined in the context of applying it to patient cases, to understand the complex interaction of human tissues (histology), physiology, pathophysiology and other stressors (including environmental interaction, aging and disease processes) that result in physiological responses that may lead to impairments of the human movement system. Students are introduced to clinical topics as they relate to neuroscience, including neurological testing, control of posture and balance, pain, muscle tone and spasticity, feedback versus feedforward control, reflex versus voluntary control, control of reaching and locomotion, perception and learning.

Prerequisite(s): DPT7850.

Offered at Providence

3 Semester Credits

**DPT8200 Motor Control**

This course introduces the science of motor control/motor learning, including the neuromotor processes that underlie normal and abnormal movement. Theories of motor learning and mechanisms for acquisition of skill are discussed. Neuromotor and neuropsychological research are investigated, and clinical implications are discussed.

Prerequisite(s): DPT7850.

Offered at Providence

2 Semester Credits

**DPT8250 DPT Elective**

Each student is granted the opportunity to complete up to four electives designed to facilitate their ability to explore physical therapy content areas of interest, beyond the standard curriculum. It can include the choice to obtain additional experience in one or two of the core physical therapy specialties and/or explore lengthier research projects. Students actively engage in applying basic and more advanced physical therapy knowledge, demonstrating and developing their clinical reasoning and communication skills to the evaluation, treatment, and management of common diseases and conditions encountered within the discipline or specialty chosen. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor, clinical instructor or their designee(s). This course can be repeated up to four times throughout the curriculum and can occur within semesters 4, 5 and 8.

Prerequisite(s): DPT7850.

Offered at Providence

2 Semester Credits

**DPT8300 Neurological Examination and Treatment**

This course provides students with information needed to identify, evaluate and treat neurologic diseases and disorders that are commonly seen by physical therapists. From a medical perspective, information includes disease/condition description, etiology, pathology, clinical signs and symptoms, diagnostic procedures, medical management, and precautions or special considerations pertinent to physical therapists. From a physical therapy perspective, specific standardized assessments, diagnostic modalities, evaluation and treatment strategies, techniques and approaches are addressed. The role of the physical therapist is addressed across treatment environments and across the time course or progression of the disease (acute through chronic).

Prerequisite(s): DPT7850.

Offered at Providence

5 Semester Credits

**DPT8350 Neuro Culmination and Comprehensive Practicum**

This is the third comprehensive practicum in the DPT program, which presents a case-based scenario that the student needs to bring from initial interview including screening for psychosocial factors, physical examination, assessment treatment plan development and progression, and the application of appropriate treatment interventions. Cases for this practicum feature orthopedic, medically complex, neurological patients, along with other comorbidities, which the student must address. Students prepare for this practicum by practicing skills in a laboratory setting while exploring the latest evidence-based literature in a classroom setting. Lab experiences are designed around patient cases to provide the student with "real-world scenarios" from which to learn and practice on their peers. This process is designed to be similar to what would be required of the student on their full-time clinical experiences. This practicum is the third step in certifying student readiness for their full-time clinical experiences. Students must successfully pass this practicum in order to continue in the curriculum.

Prerequisite(s): DPT7850.

Offered at Providence

2 Semester Credits

**DPT8400 Integrated Clinical Experience and Professional Development III**

The APTA Code of Ethics and Core Values for Professionalism serve as the framework for all activities in this course. In addition to spending 15 hours engaged in on-campus professional development activities, students complete 48 hours of integrated clinical experience (ICE) at an off-site clinic in the outpatient orthopedic setting, and four hours observing the delivery of physical therapy services in the medically complex and/or neurologic setting. ICE experiences in settings outside of outpatient orthopedics may be considered based upon the student's interests and site availability. The ICE experience includes observation of clinical care and provides an opportunity for students to expand their ability to participate in evaluation and diagnosis, to provide patient/family education, and to deliver known physical therapy interventions to patients under the supervision of a licensed physical therapist. This course prepares students for engaging in the full-time clinical experience phase of the program by developing confidence in clinical practice, strengthening professional identity, and by reviewing performance expectations for full-time clinical experiences. Students synthesize a lifelong learning plan that is facilitated by the development of skills such as self-assessment and metacognitive thinking.

Prerequisite(s): DPT8350.

Offered at Providence

1 Semester Credit

**DPT8450 Healthcare Management**

This course introduces students to the fundamental theories and skills of healthcare management for the physical therapist. This course develops and enhances the student's understanding of the healthcare system, the social and economic forces affecting the healthcare system, and its ability to function effectively. Additionally, the course prepares students to enter the workforce by introducing them to a variety of tools and experiences that enables them to manage organizations, programs, resources and people more effectively. Emphasis in this course is on national and state (Rhode Island and Massachusetts) policies and legislation, managing human resources, marketing, technology and information, accounting and finance, quality, and measuring performance. Students obtain an NPI number for use upon graduation, as part of the requirements of this course.

Prerequisite(s): DPT8350.

Offered at Providence

3 Semester Credits

**DPT8500 Research Seminar I**

This course introduces students to the principles of clinical research. Scientific method and various research designs are presented and scrutinized for applicability and appropriateness. Students refine their ability to perform an effective literature review and critical review of the available research. The history and function of review boards for the protection of human and animal subjects are discussed. Students, Under the direct supervision of faculty, develop either a research question to be answered by performing a systematic review or design a primary research project, in collaboration with faculty, to be completed in Research Seminar II. All research proposed and conducted in the Physical Therapy department is subject to the rules, regulations and approval of the university's Institutional Review Board.

Prerequisite(s): DPT8350.

Offered at Providence

3 Semester Credits

**DPT8550 Pediatric Physical Therapy**

This course enhances the student physical therapists' understanding, exposure, critical evaluation and integration of current best practice towards pediatric physical therapy clinical practice. The readings, class discussions and lectures focus on increasing the students' understanding of typical and atypical development, and how factors affect a child's motor performance. Application of theoretical principles of motor control and neurological development are emphasized in order to enhance understanding of typical motor development, as well as motor development in children with various impairments.

Prerequisite(s): DPT8350.

Offered at Providence

3 Semester Credits

**DPT8600 Physical Therapy for Genitourinary Health**

This course introduces students to male/female genitourinary function and disease as it applies to the physical therapist. Emphasis is on evidenced-based outcome measures and physical therapy genitourinary tests/measures as well as physical therapy interventions to improve genitourinary function in both men and women.

Prerequisite(s): DPT8350.

Offered at Providence

2 Semester Credits

**DPT8650 Comprehensive Skills Review and Qualifying Examination**

This course is a comprehensive curricular review of clinical knowledge and skills necessary for the students to successfully pass their full-time clinical experience courses. The skills review is followed immediately by a qualifying examination. The qualifying examination is a case-based scenario in which the student faces a simulate patient. The student is required to perform a chart/history review, thorough patient interview and physical examination. Students use this information to create a physical therapy diagnosis and prognosis. They then develop a comprehensive treatment plan with progression and demonstrate the application of appropriate treatment interventions based upon their diagnosis. Cases for this qualifying examination encompass content from across the curriculum and feature medically complex patients who may have orthopedic, cardiopulmonary and neurologic issues, along with other comorbidities, which the student is required to address. This is the final step in the process of certifying students as being competent to engage in their three full-time clinical experiences. Student must successfully pass the qualifying examination in order to continue in the curriculum and attend their full-time clinical experiences.

Prerequisite(s): DPT8350.

Offered at Providence

2 Semester Credits

**DPT8700 Clinical Education Experience I**

This course is the first of three full-time clinical experiences in the DPT Program and runs during the final spring semester. Under the supervision of one or two licensed physical therapists, students practice and receive feedback while performing all elements of patient management in either a general practice ambulatory and/or non-ambulatory (i.e., acute care, inpatient rehab, SNF, or homecare) setting. Emphasis is placed on a consistent display of professional behavior, including demonstration of adult learning characteristics, as well as the ability to problem-solve and utilize evidence-based resources to guide clinical practice. Students participate in an online seminar in which relevant clinical issues are discussed.

Prerequisite(s): DPT8650.

Offered at Providence

12 Semester Credits

**DPT8800 Clinical Education Experience II**

This course is the second of three full-time clinical experiences in the DPT Program and runs for a period of 13-weeks during the final summer semester. Under the supervision of one or two licensed physical therapists, students practice and receive feedback while performing all elements of patient management in either a general practice ambulatory and/or non-ambulatory (i.e., acute care, inpatient rehab, SNF, or homecare) setting, or with permission from the director of clinical education, in a specialty setting. Based on clinical site availability, and with permission from the director of clinical education, DPT8800, Clinical Education Experience II, and DPT9200, Clinical Education Experience III, may be combined into a 26-week clinical experience where the student may focus their clinical practice in a single clinical placement/setting. Emphasis is placed on a consistent display of professional behavior, including demonstration of adult learning characteristics, the ability to problem-solve and utilize evidence-based resources to guide clinical practice, and the ability to function effectively as a member of the larger healthcare team. In order to achieve a passing grade for this clinical experience, students are expected to achieve entry-level competence in all aspects of physical therapy service delivery while modeling professional and ethical practice. Students participate in an online seminar in which relevant clinical issues are discussed.

Prerequisite(s): DPT8700.

Offered at Providence

11 Semester Credits

**DPT8850 Research Seminar II**

Students complete the data collection and analysis for the project proposed in DPT8500, Research Seminar I. Students work with faculty and other university resources to begin the process of creating their first draft of their work for dissemination. During this course, students, assisted by faculty, determine the most suitable means of disseminating their results which will occur in the DPT8900, DPT Capstone course. Students utilize AMA format, unless another format is prescribed by the target journal or disseminating body.

Prerequisite(s): DPT8700.

Offered at Providence

1 Semester Credit

**DPT8900 DPT Capstone**

Students complete the formal write-up of their project using the format prescribed by their target disseminating body. Disseminating bodies must be in accordance with APTA guidelines and may include the annual JWU Physical Therapy Research Day, another university- or college-based Research Day, the RIAPTA conference, APTA conference(s) such as the Combined Sections Meeting or the Educator Leadership Conference, or other suitable conferences/events deemed appropriate by the faculty assigned to the student(s).

Prerequisite(s): DPT8700.

Offered at Providence

2 Semester Credits

**DPT9200 Clinical Education Experience III**

This course is the third and final full-time clinical experience in the DPT Program and runs during the first 13-weeks of the final fall semester. Under the supervision of one or two licensed physical therapists, students practice and receive feedback while performing all elements of patient management in either a general practice ambulatory and/or non-ambulatory (i.e., acute care, inpatient rehab, SNF, or homecare) setting, or with permission from the director of clinical education, in a specialty setting. Based on clinical site availability, and with permission from the director of clinical education, DPT8800, Clinical Education Experience II, and DPT9200, Clinical Education Experience III, may be combined into a 26-week clinical experience where the student may focus their clinical practice in a single clinical placement/setting. Emphasis is placed on a consistent display of professional behavior, including demonstration of adult learning characteristics, the ability to problem-solve and utilize evidence-based resources to guide clinical practice, and the ability to function effectively as a member of the larger healthcare team. In order to achieve a passing grade for this clinical experience, students are expected to achieve entry-level competence in all aspects of physical therapy service delivery while modeling professional and ethical practice. Students participate in an online seminar in which relevant clinical issues are discussed.

Prerequisite(s): DPT8900.

Offered at Providence

11 Semester Credits

**DPT9500 Licensure Review and PEAT**

This course provides the student a comprehensive didactic review of the curriculum in preparation for the board exam. Students are provided a board review course followed by a JWU DPT-sponsored practice exam and assessment tool (i.e., the PEAT test). Scores of 80% or higher on the PEAT indicate a high likelihood of passing the National Physical Therapy Exam (NPTE). Students who score above 80% are strongly encouraged to continue reviewing for the NPTE but may choose to take the NPTE at their own discretion. Students who score below an 80% on the PEAT may still graduate but are strongly encouraged to not sit for the NPTE until such time as they have been given and completed a student specific remediation/studying plan by the faculty. Students should reference the appropriate section of the Requirements for Progression In and Completion of the Doctor of Physical Therapy Program Policy.

Prerequisite(s): DPT8900.

Offered at Providence

2 Semester Credits

## Physics (PHY) Courses

### PHY1011 General Physics I

This course is the first in a two-part introductory physics course sequence using algebra-based approaches to analyze physical phenomena. Students are introduced to vector algebra and the basic principles of classical mechanics, applying the concepts of work, energy, linear momentum and angular momentum to physical phenomena. This course must be taken concurrently with General Physics I Laboratory.

Prerequisite(s): MATH1020 or math placement, Corequisite: PHY1016.

Offered at Charlotte, Online, Providence

3 Semester Credits

### PHY1016 General Physics I Laboratory

This is an introductory algebra- and inquiry-based physics laboratory course coordinated with PHY1011 General Physics I. Small teams of students work together to solve practical Newtonian physics problems by conducting a sequence of observations and tests. Students are responsible for developing their own experiments and task assignments as they work within collaborative team structures, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, vector algebra, kinematics, conservation of energy, momentum and rotational motion.

Prerequisite(s): MATH1020 or math placement, Corequisite: PHY1011.

Offered at Charlotte, Online, Providence

1 Semester Credit

### PHY1022 General Physics II

This course is the second in a two-part introductory physics course sequence using algebra-based mathematical approaches to analyze physical phenomena. Students are introduced to heat, wave propagation, wave energy, reflection, refraction, electricity, magnetism, circuits and semiconductors. This course must be taken concurrently with General Physics II Laboratory.

Prerequisite(s): MATH1020, PHY1011, PHY1016, Corequisite: PHY1026.

Offered at Charlotte, Providence

3 Semester Credits

### PHY1026 General Physics II Laboratory

This course is an introductory algebra- and inquiry-based physics laboratory coordinated with PHY1022 General Physics II. Small teams of students work together to solve practical Newtonian physics problems by conducting a sequence of observations and tests. Students are responsible for developing their own experiments and task assignments as they work within collaborative team structures, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, heat transfer, electric and magnetic fields, circuits, digital instruments and optics.

Prerequisite(s): MATH1020, PHY1011, PHY1016, Corequisite: PHY1022.

Offered at Charlotte, Providence

1 Semester Credit

### PHY2011 Physics I

PHY2011 is the first of a two-part introductory physics course sequence using calculus-based approaches to analyze physical phenomena. It introduces students to vectors and the basic principles of classical mechanics, applying the concepts of work, energy, linear momentum and angular momentum to physical phenomena. This course must be taken concurrently with Physics I Laboratory.

Prerequisite(s): MATH1040 (or concurrent), Corequisite: PHY2016.

Offered at Providence

3 Semester Credits

### PHY2016 Physics I Laboratory

PHY2016 is an introductory calculus-based physics laboratory class that meets three hours per week. It is an inquiry-based laboratory course coordinated with PHY2011 Physics I. Small teams of students work together to solve practical Newtonian physics problems by conducting a sequence of observations and tests. Students are responsible for developing their own experiments and task assignments as they work within collaborative team structures, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, vector algebra, kinematics, conservation of energy, momentum and rotational motion.

Prerequisite(s): MATH1040 (or concurrent), Corequisite: PHY2011.

Offered at Providence

1 Semester Credit

### PHY2022 Physics II

PHY2022 is the second of a two-part introductory physics course sequence using calculus-based mathematical approaches to analyze physics phenomena. It introduces students to heat, wave propagation, wave energy, reflection, refraction, electricity, magnetism, circuits and semiconductors. This course must be taken concurrently with Physics II Laboratory.

Prerequisite(s): MATH1040, ((PHY1011, PHY1016) or (PHY2011, PHY2016)),

Corequisite: PHY2026.

Offered at Providence

3 Semester Credits

### PHY2026 Physics II Laboratory

PHY2026 is an introductory calculus-based physics laboratory class that meets three hours per week. It is an inquiry-based laboratory course coordinated with PHY2022 Physics II. Small teams of students work together to solve practical Newtonian physics problems by conducting a sequence of observations and tests. Students are responsible for developing their own experiments and task assignments as they work within collaborative team structures, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, heat transfer, electric and magnetic fields, circuits, digital instruments and optics.

Prerequisite(s): MATH1040, ((PHY1011, PHY1016) or (PHY2011, PHY2016)),

Corequisite: PHY2022.

Offered at Providence

1 Semester Credit

## Political Science (PSCI) Courses

### PSCI1001 Introduction to Political Science

Political Science is the study of how human beings create governments, leaders, laws and policies. This foundational course explores how and why politics involves all aspects of our everyday lives. The dynamics of politics center on acquiring, distributing, and/or restricting access to power held by citizens and states. From local politics to international relations, the study of politics enables understandings of who ultimately gets what, when, where, why and how - or not. This course therefore explores the major ideas that drive the ways in which leaders govern, the systems in which they operate, motivations and barriers for citizens to participate in political life, how institutions of government work, and the role of money and media in the making of politics, from Main Street to Wall Street. This course also considers the modes by which citizens drive change in their governments, from Facebook and the ballot box to mass-scale protests driving political revolutions of the 21st century.

Offered at Charlotte, Online, Providence

3 Semester Credits

### PSCI1030 Introduction to Political Theory

This course examines the major political propositions and ideas advanced in Western political thought that address and analyze core political controversies. By considering many of the primary thinkers and classic texts influencing political thought, this course explores the foundational concepts of political science. Students are equipped with the intellectual tools to comprehend and rationally question political concepts such as justice, liberty, rights, equality, power, authority, law and sovereignty.

Offered at Online, Providence

3 Semester Credits

**PSCI2001 International Relations and World Politics**

This course provides a comprehensive introduction to the study of international relations, core concepts and key theories of world politics. Presented in this course are foundational ideas for understanding major historical and contemporary events in world politics, the behavior of states, and their relationship to the global order. This course prepares students to interpret world politics through analysis of particular trends, patterns, crises and global change. The chronic nature of war and ceaseless search for peace are considered, exploring how twentieth century historical events contribute to the twenty-first century nature of international relations. Politics and economics are also considered, focusing on economic relations among advanced post-industrial economies and issues of development of non-western nations, emphasizing the Global South. The role of post-colonial legacies and the failure of states is an important theme of the course. Additional topics include critical and emerging analyses that imagine possible future systems of international relations; imperialism; cold war politics and its legacies; national security theory including deterrence and the role of international political and monetary organizations in world politics. Offered at Online, Providence  
3 Semester Credits

**PSCI2050 Political Communications**

This course examines how political actors communicate, select and design their messages and choose the medium that delivers them. Topics include how previous "information revolutions" (e.g., the rise of newspapers and broadcast media) extend the reach of communication, and radically remake political participation by voters, interest groups and/or political parties. Emphasis is on identifying and evaluating "frames," the underlying, unspoken assumptions that support political communication in mainstream media. Students also examine how recent changes of digital media are currently altering or disrupting long-established patterns of voting, activism and voter opinion-making. Students research and evaluate claims regarding the long-term benefits and/or risks of a globally connected digital media network, including its effect on democratic participation, government surveillance and political legitimacy. Students develop, present and critique a political media project. Offered at Online, Providence  
3 Semester Credits

**PSCI2100 Comparative Politics and Government**

This course introduces students to the vital role that comparing systems of governments and political life plays in understanding the complex world of the 21st century and its politics. Through a focus on basic theories, analytical methods and questions in the field of comparative politics, students explore how political systems differ, how ideologies play a key role in defining political systems and governments, and the ways in which socio-cultural factors are a force in the making of particular models of government. Topics include the purpose of government and the role of the modern nation-state; autocratic and democratic structures of government; parliamentary and presidential democracies; elections and electoral systems; revolutions and political change; the influence of economics, religion and culture on government; globalization; and how governmental structures and institutions ultimately impact the lives of those governed. Country-specific case studies are examined throughout the course. Offered at Online, Providence  
3 Semester Credits

**PSCI2150 American Constitutional Law**

This course examines the Constitution's role in the relationship between the American people and their government, the constitutional structure and power of the American government, the preservation of individual rights and liberties, and the work of the Supreme Court of the United States. In addition to considering the text, theories and seminal cases related to the Constitution of the United States, this course explores the political, cultural and historical influences contributing to American constitutional jurisprudence. Prerequisite(s): Sophomore status. Offered at Online, Providence  
3 Semester Credits

**PSCI2200 Race, Politics and Power in America**

This course explores the pivotal question of why and how race matters so greatly to the making of politics and governance in historical and contemporary America. The course begins at the earliest formations of the U.S., underscoring the pivotal part that race played in defining citizens and rights during this era. Focus is on these foundational-period linkages to race and political rights and their political implications for the post-modern civil rights movement. Historical factors, status changes of minority communities in the U.S., and the idea of a post-racial society are compared and contrasted. Offered at Online, Providence  
3 Semester Credits

**PSCI3005 Political Ideologies and the 21st Century**

Historical events and processes of the 20th century help us to grasp the rising political ideologies of the 21st century and the emerging ways in which these ideologies are expressed as organizations, such as ISIS. Political ideologies of the past and of this century often stand in opposition to each other, as demonstrated in globalization/anti-globalization movements. Movements such as anarchism, perceived as marginal in the U.S., play a considerable role in shaping political events abroad. Digital movements of disruption, such as Anonymous, represent new modes of ideology, power and expression. The fate of ideologies with their roots in the 19th and 20th centuries, such as environmentalism, feminism, fascism, and radical-right-wing and anti-government groups in the 21st century is explored. Emerging and splinter hate groups, insurgent, anti-state movements and alternative political models and organizations are examined in global context, from Canada to New Caledonia. Prerequisite(s): ENG1021 or ENG1027, sophomore status. Offered at Online, Providence  
3 Semester Credits

**PSCI3050 American Politics, Policy and Institutions**

This course is an exploration of the interrelationships between U.S. politics and institutions and one of their key functions: making public policy. The theoretical and political foundations of policy studies and the craft of policy analysis as an academic and professional discipline are introduced. This course assesses both formal representative institutions (e.g., legislatures and/or executives), and their relationship to informal institutions (e.g., political parties, interest groups and/or the media). In addition, students define and apply concepts and analytical tools in evaluating how effectively or efficiently a government provides public goods. Assignments and projects give students opportunities to apply these concepts and techniques to policy problems and dilemmas and to practice communicating their analyses and recommendations to decision makers and/or stakeholders in a professional format. Prerequisite(s): ENG1021 or ENG1027, HIST3200, sophomore status. Offered at Online, Providence  
3 Semester Credits

**PSCI3100 Research Methods in Political Science**

This course explores the vital role research plays in the making of political science as an academic field of study. Probing how the scientific method works in the practice of studying, predicting and analyzing politics, this course investigates the array of qualitative and quantitative methods foundational to research in politics. How to research campaigns, political actors, processes and practices in both policy and legislative arenas, and their impacts comprises the scope of this course. The concepts and tools explored are pursued through continuous engagement with the empirical, utilizing seminal and current research in the discipline to introduce, reinforce and put to practice the ways in which design, data and results inform contemporary political thought and practice in both standard and innovative ways. Prerequisite(s): Junior status. Offered at Online, Providence  
3 Semester Credits

**PSCI3150 Ethics in Public Life**

This course provides an introduction to ethics in political and institutional public life, the meaning of a fair and equitable society, and the obligations of public actors (elected officials, bureaucrats, lobbyists, advocates and others). Students identify and evaluate major theoretical frameworks, including utilitarian, Rawlsian and deontological ethics, and in discussing individual cases and dilemmas propose courses of action grounded in one or more of these ethical models. In addition, the course examines the organizational and political models that assist and/or interfere with the fulfillment of public ethical obligations. Students also assess the extent to which institutions may be organized to encourage desired ethical outcomes. Finally, students learn to develop and communicate their decisions through classroom exercises and in appropriate professional formats.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Online, Providence

3 Semester Credits

**PSCI3200 Women in American Political Life**

This course explores the role played by women in American politics and the effect of political decision making on women from the founding of the United States until the present day. Topics include women's acquisition of political power, including the struggle for suffrage and for the vote; the role played by women in creating public policy and the effect of policy on women; and women as reformers and political activists. Emphasis is on the role played by women of color as political actors in their communities and on the national stage.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Online, Providence

3 Semester Credits

**PSCI3250 Dynamics of Contemporary Diplomacy and Statecraft**

This course traces the origins of diplomacy from the imperial post-Westphalian world order to the emergence of the concept of the diplomat and formation of the nation-state system in the wake of Woodrow Wilson's 14 Points, on to the present era of globalized, insurgent anti-state movements. This course utilizes case studies to illustrate the major themes organizing the study of diplomacy and statecraft, grounded in an exploration of core theories and dilemmas of diplomacy drawn from near past to the present. The course offers a systematic approach to the analysis of this interrelationship, drawing on key concepts and theories from political science.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Providence

3 Semester Credits

**PSCI3300 Politics of Food, Human Security and Social Justice**

This course examines food as a medium of political life. The cultural politics of food and its connection to the production, distribution, consumption and waste of food to human security and social justice is discussed. Some of the issues addressed include food (in)security and sovereignty, body image and food, hunger and obesity, food citizenship, and the tension among government, industry, labor, consumers and food activists.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Online, Providence

3 Semester Credits

**PSCI3350 Political Parties, Social Movements and Interest Groups**

This course explores how political groups form and why they matter to political life in both authoritarian regimes and democracies. The impact of these groups on the effectiveness of political representation and the efficacy of governments is analyzed. Three types of groups central to U.S. politics are compared: 1) political parties, 2) social movements and 3) interest groups. This course explores dynamics driving the formation of these groups, such as interest articulation, ideology, grievances and contentious issues of policy. The impact of how these groups wield influence on the core institutions of government, individual political actors, media discourse, and voting behavior are explored. Key theories and thinkers that explain the processes and practices of interest articulation, underlying dynamics of collective identification and action, political mobilization, patterns and processes of lobbying behavior, and an investigation of their impact on the US political landscape are examined.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Providence

3 Semester Credits

**PSCI3500 Special Topics in Political Science**

This course focuses on a different area, issue or theme each semester, depending on student interest and faculty opportunities to teach and lead innovative course initiatives. Possible topics include study of Congress, the presidency, Washington political culture and the role of the media, national security, political campaigns, public social policy, political violence, and regional studies (e.g., European Union, Middle East). Additional fees may apply depending on specific course section offered.

Prerequisite(s): Sophomore status.

Offered at Providence

3 Semester Credits

**PSCI3550 Inside Washington: Contemporary American Politics in Critical Perspective**

This course explores the contemporary American political landscape as it is constituted and impacted by regular midterm and presidential election cycles; ongoing deep political polarization among the electorate; radical politics on both the left and right; the role of mainstream, alternative and social media in American politics; issues of campaign financing; dynamics driving levels of prevailing voter attitudes and turnout, and emergent domestic policy issues. The point of departure for this course is an engaged examination of the themes, factors, variables and actors that constitute the complex American political landscape, as broadly examined during The Washington Center's Inside Washington intensive seminar. This course enables students to examine more specifically those issues, events, trends, patterns, precipitous political happenings, and current political science research of interest to them, on an individualized basis.

Prerequisite(s): Sophomore status.

Offered at Providence

3 Semester Credits

**PSCI4100 Issues in Political Theory: The Politics of Human Rights in Global Perspective**

This course explores categories of rights granted by the U.N. Declaration of Human Rights; ideological, political and cultural tensions concerning human rights; and their application to all peoples and societies. International failures to ensure these rights are analyzed in case studies. The politics of human rights, barriers to realizing human rights as a global priority for the 21st century amid worldwide atrocity and terrorism, and origins of the idea of individual rights and cultural analogues to western notions of rights are explored.

Prerequisite(s): ENG1021 or ENG1027, sophomore status.

Offered at Online, Providence

3 Semester Credits

**PSCI4900 Capstone Seminar in Political Science**

This capstone seminar is the culmination of the learning experiences and skills students have acquired throughout the course of their political science program. Students develop a research thesis and professional portfolio in preparation for them practicing political science in a variety of professional settings and graduate school programs. The emphasis of this research/professional seminar is three-fold: 1) to support students in designing and making operational a research project, 2) to produce a portfolio and professional development plan, and 3) to write an effectively articulated research thesis. Students engage in on-going peer-review and consultation sessions with the purpose of encouraging a resourcefulness-approach to professionalism and personal skills enhancement, both in future career and academic pursuits. Throughout the seminar, emphasis is on supporting students to conceive of and articulate the applicability of their acquired skills and program-related experiences to their developing career and future study.

Prerequisite(s): PSCI3100, senior status.

Offered at Online, Providence

3 Semester Credits

## Project Management (PRMG) Courses

### **PRMG2010 Introduction to Project Management & Project Membership**

This course introduces students to the role and purpose of project management in today's workplace. The course is designed with an introductory perspective: focusing on what project management is all about, why it is important, what benefits and help it provides, and why it is a necessary part of today's career skillset. Key concepts and practices are explained from the 'non-project manager' perspective, providing answers and solutions to everyday questions and challenges in the field. Topics include: 1) the roles of the project manager, project member, subject matter expert and stakeholders – explained; 2) project, program and product implementation differentiators; 3) project requirements definition and the benefits of understanding project scope; 4) risk and risk management concepts; 5) understanding how project plans affect individual contributors — the notion of 'team'; 6) tasks, task reporting and testing; 7) quality and the project development life cycle; and 8) tracking a task and the cost, scope, time triad. Along with basic project management skills, students also learn about the role of communications, teamwork and people skills needed to successfully participate as a contributor in today's team-oriented workplace. Through topic lectures, class discussions and exercises, and relevant case studies, students explore the long and varied history and development of project management, how it has evolved over time into a recognized profession, and how project management can be utilized in practical, helpful and interesting ways.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PRMG3010 Intermediate Project Management Skills**

This course is designed for students who look to further their interests and understanding of project management. This course is focused on students learning the core skills required of a project manager. Skills development training occurs in the following areas: 1) listening, requirements gathering and project introduction; 2) writing, contracts, statements of work and scope development; 3) leadership, team building, and cooperation; negotiation, understanding boundaries; 4) estimation of effort; 5) risk analysis: identification, mitigation, minimization and transfer of risk; 6) coordination of activities and project focus; and 7) utilizing project management tools to build and track a project. Students engage in an overview of a structured project management approach, utilizing the Project Management Institute® Project Management Body of Knowledge (PMBOK®), a globally recognized framework for project management in today's workplace. Students learn how integration of these underlying concepts and practices provide a formalized structured approach to managing successful projects. Emphasis is placed on 'how' these are implemented and coordinated across the project life cycle, including planning, execution and completion. Students also expand their knowledge of the core project manager competencies and people skills, including active listening and communication, team leadership and dynamics. Students learn how to effectively apply these throughout the project, complementing their technical knowledge and skills.

Prerequisite(s): PRMG2010.

Offered at Charlotte, Online, Providence

3 Semester Credits

## Psychology (PSYC) Courses

### **PSYC1001 Introductory Psychology**

Introductory Psychology is the scientific study of behavior and mental processes. Ethical application of the scientific method is used to examine nervous system structures and functions, learning, memory, intelligence and states of consciousness.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC1011 Metacognition and Learning Strategies**

This course is a segment of the 10-month Wildcat Learning Effectiveness in Action Program (LEAP). The course provides LEAP learners with an applied, experiential exploration of metacognitive-based learning-strategy skill sets intended to enhance their self-efficacy as students and global citizens. Through an evidence-based practice, active learning design, LEAP students are introduced to, explore, and practice learning strategies focused on these core areas: metacognition, executive function, self-regulation, developing engaged-student, pro-active behaviors, focus, working memory, critical thinking and reasoning. These skills and schemas are acquired through an emphasis on the practice of techniques intended to enhance understanding via experiential engagement and reflective learning.

Prerequisite(s): Acceptance into Wildcat LEAP.

Offered at Providence

3 Semester Credits

### **PSYC1020 Introduction to Professional Issues and Ethics in Psychology**

This course explores the identity, professional values and diverse work settings in the field of psychology. Students learn about the scope of the broad field of psychology, as well as a variety of sub-disciplines. Fundamental skills for psychology students, such as scientific literacy and critical thinking, are explored, enabling students to critically evaluate research in the social sciences. Students also learn about ethical behavior, as well as examine critical historical events, contributors and landmark studies that shaped the field of psychology. The course illustrates the various roles that psychology plays in the understanding and shaping of modern society.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC2002 Abnormal Psychology**

This course examines the major theoretical approaches to psychological and other behavior disorders. Included are definitional criteria, causes, prevalence, related conditions and current treatment programs for both children and adults. Emphasis is placed on the sociocultural context of psychological disorders as well as on correcting common stereotypes about mental and emotional illness.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC2015 Human Sexuality**

This course is an exploration of human sexuality from a biological, psychological and socio-cultural perspective. It examines major theoretical perspectives that influence the scientific study of sexuality. Critical issues discussed include but are not limited to sexual identity and gender, sexuality and relationships, contemporary and cross-cultural views on human sexuality, rape and sexual exploitation and sexuality across the lifespan.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC2020 Industrial/Organizational Psychology**

This course emphasizes the psychological principles involved in group performance, power, leadership styles and behavioral motivation. It includes discussion and analysis of organizational research and the application of the results to businesses and industrial situations. It is designed to assist the business student in incorporating psychological knowledge into his or her managerial and leadership style in order to increase on-the-job productivity.

Prerequisite(s): PSYC1001.

Offered at Online, Providence

3 Semester Credits

### **PSYC2030 Developmental Psychology**

This survey course is designed to introduce the student to the concepts, theories and recent research in the area of human life span from conception to late adulthood. The integrative process of physical cognitive and psychosexual development during significant periods of maturation is examined.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC2040 Psychological Issues of Substance Use Disorders and Compulsive Behaviors**

This course examines the various types of substance use disorders and accompanying compulsive behaviors and symptomology related to these disorders. It focuses on problems related to the addictive process. Topics include but are not limited to compulsive gambling, alcohol and other substance use disorders, paraphilias, eating disorders and other compulsive behaviors. Relevant topics such as the addictive process and personality are addressed along with familial effects and psychosocial impact on all. Various treatment approaches and methods of recovery are discussed. Methods of awareness, identification and distinction between various compulsive disorders and substance use disorders and substance-induced disorders along with the biopsychosocial model of addiction are delineated.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC2100 Health Psychology**

This course examines the impact of psychological and behavioral factors on individual health and wellness. The application of theory in understanding and designing health education materials, behavioral interventions, prevention strategies, and improving access to health systems is emphasized.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC3001 Social Psychology**

This course features a study of individual behavior in relation to the social stimuli of modern life. The course involves the extension of general psychological principles and methods in the study of social behavior.

Prerequisite(s): ENG1021 or ENG1027, PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC3010 Personality**

This course is a study of various personality theories in the context of psycho-philosophical differences in personality. Personality development, assessment methods, theoretical application, integration and critical evaluation of each theory are analyzed. Application of theory to actual and hypothetical cases is expected throughout the course.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC3040 Introduction to Neuropsychology and Psychopharmacology**

This course considers the function and dysfunction of the human central nervous system with respect to higher order cognition and behavior. This course surveys the neuroanatomical, neuropathological, neurocognitive and neurobehavioral aspects of the brain, and provides an introduction to the psychopharmacological aspects of treatment in mental health counseling.

Prerequisite(s): PSYC2002, (SCI1015 or SCI1050 or SCI2031).

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC3100 Community Psychology**

This course examines the historical and theoretical perspectives of community psychology: the interrelationship between individuals and the various family, friendship, neighborhood, work, and community systems in which they live. Using a scientific approach, key areas of focus include the application of psychological principles to understand and address social issues, engage in collaborative problem solving, and promote community development.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Providence

3 Semester Credits

### **PSYC3200 Cognitive Psychology**

This course examines the primary cognitive processes of attention, perception, and memory as the foundation for higher order thinking. Students examine and discuss early and current theories and methodologies in cognitive science and explain how primary cognitive processes lead to complex thought. A key component of course work includes conducting a literature review on an assigned or selected topic.

Prerequisite(s): PSYC1001.

Offered at Online, Providence

3 Semester Credits

### **PSYC3350 Psychology of Motivation and Leadership in the Workplace**

This course examines current research and theories for motivation at work and how they affect the achievement of organizational goals and objectives. A chronological review of the field is included, as well as discussions around such topics as the importance of money, the relationship between job satisfaction and job performance, and the distinction between intrinsic and extrinsic motivation. A focus on understanding theories of leadership and their roles in creating and maintaining a psychologically healthy workplace is emphasized.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC3420 Criminalization of Mental Illness**

This course examines the intersection of the psychiatric and penal systems in the United States. It examines the historical movements that served to locate the mentally ill within the criminal justice system. The moving of the mentally ill into prisons intended for criminal populations continues to be a significant concern in American society today. Particular attention is paid to the role of race and ethnicity, class, gender, and the Prison Industrial Complex that provide frameworks for understanding the social and psychological implications of this co-mingling of institutions, especially in their consequences for marginalized communities. Paying particular attention to the constitutional and global human rights concerning these imprisoned populations, this course explores the possibilities and opportunities for social and political change.

Prerequisite(s): PSYC1001.

Offered at Providence

3 Semester Credits

### **PSYC4150 Psychology of Conflict Resolution**

This course explores the definition, causes and methods used for resolution of conflicts. Causes for conflicts such as communication, beliefs and values, and lack of trust are discussed, as well as the approaches toward resolution of conflicts, such as the adversarial and non-adversarial approaches. Advantages and limitations are identified for each method.

Prerequisite(s): PSYC1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC4200 Cultural Psychology**

This course offers knowledge, practice and application of the principles of Cultural Psychology. It examines the major theorists in this field and the application of their theories to human behaviors and interactions. It critically examines cultural psychological theories in both traditional western and non-western psychological models. Accordingly, the course elucidates the particular research methods that are specific to the study of psychology and culture. By examining the developmental processes of cultural identity, the course demonstrates the necessity of cultural psychology as a specific domain of inquiry. In addition, the course examines the divergent frameworks for understanding abnormal behavior and mental illness, as well as mental health and wellness, in a cultural setting. Finally, the course focuses on application and analysis of the themes of cultural psychology for their use in specific work situations and in our global world today.

Prerequisite(s): PSYC1001, junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **PSYC5200 Advanced Neuroscience and Psychopharmacology**

This course is an in-depth investigation into the principles of psychopharmacology from a clinical case perspective. Principles of action, efficacy, and safety of psychotropic drugs in treating psychiatric and behavioral disorders are focal points. An inquiry into the etiology and diagnosis of major mental disorders is examined. Emphasis is on modification of baseline neurotransmitter systems by current treatment protocols and medications under development.

Offered at Providence

3 Semester Credits



### **PSYC5400 Organizational Psychology**

This course provides the foundation for student's work in organizational psychology as the scientific study of how human behavior and attitudes are impacted by organizational culture and design. Topics covered within this course include individual attitudes, motivation, group dynamics, organizational culture and sociocultural influences on organizational climate. Offered at Online, Providence  
3 Semester Credits

### **PSYC5450 Attitude and Motivation in the Workplace**

This course examines the nature and importance of attitude and its integral connections to employee motivations. Employee attitude is often overlooked and undervalued as a workplace factor that can impact the degree of success experienced in today's organizations. Attitude can significantly influence the motivational levels of individual employees, workplace teams and entire operational units, resulting in dramatic changes to an institution's overall efficiency and effectiveness. Strategies for identifying and fostering positive attitudes that promote organizational health, growth and sustainability are discussed.

Prerequisite(s): PSYC5400.

Offered at Online, Providence

3 Semester Credits

## **Race and Ethnic Studies (RES) Courses**

### **RES1010 Introduction to Race and Ethnicity in the United States**

This course provides an overview of the concepts and constructs of race and ethnicity in the U.S. and serves as an introductory course for the Race and Ethnicity Studies minor. Students explore racial and ethnic identity from various perspectives, including literary, media, historical and sociological. Critical thinking and research skills form the foundation of the course topics, discussions and assignments.

Offered at Providence

3 Semester Credits

## **Religion (REL) Courses**

### **REL2001 Comparative Study of World Religions**

This course introduces students to the world's great religions: Hinduism, Buddhism, Judaism, Christianity and Islam. Focus of the course is interdisciplinary and includes history, sociology, philosophy, psychology and textual/cultural analysis of each religion's literature in relation to these religions. The course highlights the diversity and commonalities of religious experience and expression as religions face 21st-century challenges. Students examine both the specific contexts and conditions in which a variety of religious traditions exist in the global era.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **REL3100 Food, Philosophy and Religion**

This course examines the role of food, alcohol, eating and cooking in the world's major philosophies and religions and the belief systems of antiquity and of many indigenous cultures in the Americas, the Arctic, Africa and Oceania, past and present. The course begins with a study of the religions and philosophies of animistic, pantheistic and polytheistic cultures in the ancient world and in historical and contemporary indigenous communities. The course ends with an investigation of how food's role in religious practice has changed over time to accommodate such forces as urbanization, industrialization and immigration. Among the topics to be covered are sacred and taboo foods, food as an object of sacrifice, fasting, the role of food and dining in the formation of religious identities and communities, monastic cuisines and dining practices, and food as a representation of the cosmos. Throughout this course, comparisons among religious traditions and between traditional practices and contemporary practices are drawn.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **Research (RSCH) Courses**

### **RSCH2050 Workshop in Acquiring Social Research Skills**

This course explores the concepts, steps and skills required for analyzing and conducting research grounded in the scientific method. The emphasis of this course is on acquiring research skills through practice-based learning. Students attain an understanding of the roles and approaches that distinguish quantitative and qualitative research methods. Students learn how to plan and write a research project prospectus and how to select and interpret data. Students acquire a working understanding of the analytical approaches necessary for evaluating the validity and credibility of primary and secondary research, learning also to use and interpret statistics in specific applied contexts. Students explore current professional ethical norms and practices in research. Students gain appreciation for understanding how research and society are vitally linked, while grasping the importance of the role of public scrutiny in research.

Prerequisite(s): MATH2001 or MATH2010, PSYC1001 or SOC1001 or SOC2005, sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RSCH3020 Honors Research Methods**

This course prepares honors students to conduct the necessary research to successfully complete the honors thesis requirements for graduation from the Honors Program. Students evaluate a variety of research methods, engage in exercises in working with primary and secondary sources, and review appropriate documentation forms. The professor guides students in their choice of feasible research projects and serves as the major adviser during the development of an honors thesis prospectus. Students complete the honors thesis in RSCH4020 Honors Directed Academic Experience.

Prerequisite(s): ENG1024 or English placement, junior status, honors status, 3.6 cumulative GPA.

Offered at Charlotte, Providence

3 Semester Credits

### **RSCH3810 Undergraduate Laboratory and Field Research**

This course requires students to investigate a problem or question through a laboratory and/or field research study. Students develop skills essential for becoming an active member of the research community and workforce, such as scientific literacy, experimental design, modern research techniques, data collection and analysis, and oral and written communication.

Prerequisite(s): Minimum 57 earned credits and permission of instructor.

Offered at Charlotte, Online, Providence

3-6 Semester Credits

### **RSCH3830 Undergraduate Research Experience**

Under the supervision of a faculty mentor, students actively engage in all facets of an original research project. Original quantitative or qualitative research projects are permitted, depending on faculty availability. Research projects facilitate the development of critical skills in the field of interest and promote current and future professional development for the student.

Prerequisite(s): Minimum 57 earned credits and permission of instructor.

Offered at Charlotte, Online, Providence

3-6 Semester Credits

### **RSCH4020 Honors Directed Academic Experience**

The Honors Directed Academic Experience offers honors students the opportunity to develop and complete a capstone project begun in the Honors Research Seminar (RSCH3020). This project is completed under the direct supervision of an individual faculty mentor appropriate to the specialized field of research or other work undertaken by the student. Though students submit portions of the project to the faculty mentor at regular intervals, students are expected to devote a substantial amount of time to research, writing and other appropriate forms of independent engagement with their chosen subject.

Prerequisite(s): RSCH3020, honors status.

Offered at Charlotte, Providence

3 Semester Credits

### **RSCH4050 Research Seminar in Psychology**

This capstone course is designed to complete the major program of study by integrating the student's prior academic experiences in psychology. A seminar format is used to encourage student participation and interaction with peers and faculty. Each participant chooses a topic within their area of interest. The topic is explored through individual research, periodic presentations and discussion. Discussion focuses on both substantive and methodological concerns as well as interconnections among areas of study.

Prerequisite(s): RSCH2050 or RSCH3020, senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RSCH5700 Research and Inquiry**

This course enables graduate students to develop problem-solving, critical thinking and quality decision-making skills that are important for professionals in all industries. Students evaluate research methodologies and develop techniques in critical thinking to improve their understanding and evaluation of industry information. The course examines the research process from preliminary data-gathering techniques to problem identification and hypothesis development. Students review pertinent data and literature as secondary sources, critique published materials and focus on the nature of primary, empirical research and the elements of research design. Particular attention is given to the student's perspective of the applicability of research to his/her career endeavors.

Offered at Online, Providence

3 Semester Credits

### **RSCH5800 Evidence-Based Research in Management**

This course enables graduate business students to develop problem-solving, critical thinking and quality decision-making skills that are important for professionals in all industries. Students evaluate the credibility of the various sources of organizational information (practitioners, the research literature, organizational data, and stakeholders) and develop techniques in critical thinking to improve organizational decision-making. For each source of information, the course examines the three critical elements of knowledge creation: ask, acquire and appraise.

Offered at Online, Providence

3 Semester Credits

### **RSCH6100 Research and Theories in Addiction Counseling**

This course builds on previously acquired knowledge about research methods in the field of counseling. Emphasis is placed on critically examining research and research instruments, with an overall goal of developing the skills necessary to design a research study, and collect and analyze data. Students are prepared to use data to assess and improve performance in their chosen field, especially as it relates to addiction counseling.

Offered at Providence

3 Semester Credits

### **RSCH6150 Research and Theories in Mental Health Counseling**

This course builds on previously acquired knowledge about research methods in the field of counseling. Emphasis is placed on critically examining research and research instruments, with an overall goal of developing the skills necessary to design a research study, and collect and analyze data. Students are prepared to use data to assess and improve performance in their chosen field, especially as it relates to mental health counseling.

Offered at Providence

3 Semester Credits

## **Retail (RTL) Courses**

### **RTL1015 Introduction to Retail and Fashion**

This course is an overview of the retail and fashion industries. Students explore historical influences on contemporary industries as well as the process of developing and producing apparel products and retailing consumer goods. Types of retailers and retail channels are emphasized as are industry research methods.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL2005 Global Sourcing**

This course allows students to examine the import marketing process, import regulations, sources of supply, supplier management and development, and transportation in order to learn how to participate in the global marketplace and negotiate in cross-cultural situations.

Prerequisite(s): MRKT1001, sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

### **RTL2008 The Textiles Industry**

This course provides a comprehensive overview of the textiles industry. Students explore fibers, yarns, fabrics, dyes, prints and finishes. Emphasis is on factors that affect the hand, appearance and performance of textiles and textile products. The manufacturing of yarns and fabrics (woven, knitted and nonwoven) are examined in order to evaluate appropriate end uses.

Prerequisite(s): RTL1015.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL2010 Apparel Quality Analysis**

This course provides students with a method for evaluating the quality of ready-to-wear apparel. Students explore textiles, construction techniques, performance characteristics and the link between quality and price. Focus is on making informed business decisions in fashion merchandising and marketing using an understanding of how apparel is produced and an appreciation of the features that affect cost and quality.

Prerequisite(s): RTL2008.

Offered at Charlotte, Providence

3 Semester Credits

### **RTL2050 Fashion Promotion**

The course explores the principles of fashion promotion as they relate to planning, selling and marketing fashion merchandise to consumers. Students explore the nature of the contemporary fashion promotion industry, and its use of integrated marketing communications to inform consumers of trends and styles.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL2122 Retail and Fashion Lab**

This course is a career exploration of a variety of merchandising functions. Part of this course takes place in a laboratory setting with students completing hands-on assignments resembling merchandise management activities. Students conduct market analysis, trend research, buying, and visual merchandising under the supervision of faculty with industry expertise. This course includes industry field visits. Students are encouraged to examine personal and professional goals as they visit with local industry hosts and alumni. Students develop professional skills and network with industry speakers as they discover many retail and fashion career paths.

Prerequisite(s): RTL1015, sophomore status.

Offered at Charlotte, Online, Providence

4 Semester Credits

### **RTL3010 Merchandise Buying**

This course provides the student with principles of merchandising buying. Students review the environmental factors that influence the behavior of consumers and the techniques for predicting merchandise cycles. This course outlines the merchandising activities and marketing trends of those industries involved with producing and selling goods in the marketplace. Students examine the merchandising activities and decisions expected of a buyer at the retail level. Buying activities are compared for a variety of retail settings.

Prerequisite(s): RTL1015.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL3030 Cases in Fashion and Retail**

This course analyzes and compares fashion and retail merchandise and management techniques used in specialty store, department store, chain store and mass merchandising operations. A case study approach is used in evaluating merchandise and management decisions in a variety of cases involving issues, types of operations and levels of management.

Prerequisite(s): RTL2063, junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL3055 History of Fashion**

This advanced course focuses on the elements affecting dress from antiquity through the 20th century. Using an interdisciplinary approach, students explore the complex relationship between dress and textiles as a reflection of material culture and phenomena, such as social structure, technology, aesthetics, geography, politics and religion. The constants and changes in human ecology are analyzed using primary sources including archeological discoveries, artworks, written documents, period photographs and extant objects. Critical thinking skills and scholarship are emphasized as students apply a historical framework to real-world issues in today's global marketplace.

Prerequisite(s): Junior status.

Offered at Charlotte, Providence

3 Semester Credits

### **RTL3065 Forecasting**

This course provides an overview of the field of fashion forecasting. Students learn to research, identify and evaluate trends in themes, colors, textiles and styles, as well as their impact on the textile and apparel industries. They explore garment components in order to better recognize fashion trends and develop fashion forecasts based on consumer, aesthetic and market research.

Prerequisite(s): RTL2095 or RTL2122.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL3075 Textile Design for Apparel and Home Furnishings**

This hands-on course is an introduction to basic textile design techniques used by designers and manufacturers. Topics include the aesthetic and performance characteristics of fibers, yarns, weaves and knits, as well as motif development and pattern design. Methods of design incorporate dyeing, printing, surface manipulation, and embellishments. The development and ethical issues of the textile industry are also explored. Students develop an appreciation for the historic and cultural value relevant to each method and create collections of textile samples for both apparel and home.

Prerequisite(s): RTL2008.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL3150 Special Topics in Fashion, Retailing and Marketing**

This course is a study of how fashion, retailing and marketing trends today impact consumers, business and society. Emphasis is on current literature, advanced problems and research tools applicable to the chosen topic. This course focuses on a different area, issue or theme each year, depending on student interest. The topic area may not be usually found in the conventional classroom course.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Providence

3 Semester Credits

### **RTL3212 Sustainability in the Fashion Industry**

This course is designed to introduce students to the topic of sustainability in the fashion industry. Students are exposed to the core issues and challenges of sustainable apparel. Focus is on the management of processes involved with raw materials, textile production, apparel design, manufacturing, selling and disposal in order to produce a positive impact on society. Concepts of the fashion supply chain and its sustainability (environmental, economic and ethical) are examined.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL3240 Retail Math**

This course teaches the concepts, practices and procedures for math utilized in merchandising. Students use calculations and interpretations of figures needed to allocate merchandise investments, control of sales, and control inventory (including planning and pricing) to be profitable in retail environments. The course approaches retail management from the standpoint of the retail businessperson and is intended to serve as a tool for the student of merchandising management.

Prerequisite(s): RTL1015.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL3350 Visual Merchandising**

This course aids students in the development of skills necessary to the creation of strategic and innovative visual merchandising. Emphasis is on the importance of color and composition, types of displays, fixtures, and brand image. Other topics include the use of mannequins, mannequin alternatives, signage and floor plans, as well as display space conceptualization and implementation.

Prerequisite(s): RTL1015.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **RTL4050 Strategic Planning in the Fashion Industry**

This senior-level capstone course integrates theory and real-world situations. Using research, data collection and analysis, students evaluate, formulate and implement business strategies for the fashion and retail industries. This course examines the momentum of omni-channel retailing as brick and mortar, e-commerce, and social commerce create seamless shopping experiences. Students research financial, merchandising, and competitive data from fashion and retail organizations and determine advanced merchandising strategies.

Prerequisite(s): RTL3030 or RTL3065, senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **Risk Management (RMGT) Courses**

### **RMGT2001 Enterprise Risk Management**

This course focuses on the aspects of enterprise risk management (ERM) in business, including the methods and processes used by organizations to manage risks and seize opportunities related to the achievement of their objectives. The course provides a framework for the identification, assessment, monitoring and mitigation of risk as it relates to the business enterprise including identification and mitigation of strategic, marketing, financial, supply chain, information technology, health/safety risks and corporate governance.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **Science (SCI) Courses**

### **SCI1010 Environmental Science**

This course presents major scientific concepts dealing with the biological and physical nature of the world we live in. A major theme is the impact of human population and economic growth on the biodiversity and ecosystems of our planet, considering how sustainable use of the world's resources may be achieved for both developing and developed nations. Topics such as energy, air, water or resource use, land use and agriculture are discussed.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SCI1015 Introduction to Life Science**

This course describes key biological and chemical principles that apply to all living things. Evolution and natural selection are studied as an explanation for the history of life on Earth. Students examine cells and cell functions, genetics, as well as structure and function of human body systems. Application of scientific methodology is included.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SCI1050 Nutrition**

This course in basic human nutrition examines metabolic energy derived from carbohydrates, proteins and lipids. Pathways for utilization of this energy to build new biomolecules, including nucleic acids, are discussed, as are the consequences of nutrient deficiencies. Ways to achieve and maintain nutrient balance are a central part of the course. The significance of vitamins and minerals and possible toxicity due to overabundance are also discussed. Computer-based dietary analysis is a key component of this course.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SCI2020 Introduction to Exercise Physiology**

This course introduces topics in the physiology and anatomy of exercise, cardiovascular fitness, nutrition, and weight control. Emphasis is placed on understanding the scientific basis for a wellness program.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SCI2031 Anatomy and Physiology**

This course covers the anatomy and physiology of the human organism, based on the cell, tissue, organ and system structures of the body. An integral part of this course is the learning of medical terminology.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SCI2350 Honors Seminar: The Scientific Implications of Mass Food Production**

This course focuses on the health and environmental impacts of the industrialization of food production. Specifically, students investigate the molecular techniques used to engineer genetically modified foods, the use of antibiotics and hormones in animal production, the biological modes of action of both pesticides and herbicides, and the industry's contribution to environmental pollutants and greenhouse gases. Students gain insight into scientific research methods through readings and classroom discussions. Scientific research articles are used to investigate the consequences of current production techniques. In addition, students develop an understanding of the scientific method by designing and conducting experiments in a laboratory setting. Students demonstrate their understanding of this topic with the completion of a research project.

Prerequisite(s): ENG1024 or English placement, honors or SHARP status.

Offered at Charlotte, Providence

3 Semester Credits

### **SCI3020 Sustainability Policy and Planning**

In this course, students are introduced to the application of scientifically-sound sustainability policies and their effects. Through the study of relevant case studies, this course demonstrates how corporate leaders can gain a strategic advantage by fostering sustainable development principles within their organizations. Businesses have typically been viewed as major contributors to environmental problems, but they have also been extremely important participants in solutions. Students investigate policy efforts that promote responsible management of social, economic, and environmental resources and examine the role of governments, markets, and nonprofit organizations in the implementation of sustainable development laws and policies.

Prerequisite(s): ENG1021 or ENG1027, (BIO1022 and BIO1026 or (SCI1010 or SCI1015)).

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SCI3070 Food Sustainability**

This course introduces students to the natural science aspects of sustainability in food production, agriculture, aquaculture, food distribution, and environmental considerations. Topics include such emerging areas as organic food industry, slow food movement, local food production, and sustainable food production practices. The class integrates theoretical principles of agriculture and aquaculture sustainability with hands-on learning exercises and evaluates the environmental, social and economic aspects of sustainable food production issues.

Prerequisite(s): ENG1021 or ENG1027, BIO1022 and BIO1026 or SCI1010.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SCI3080 The Business of Sustainability**

This course reveals the business advantages of integrating the scientific principles of environmental sustainability in commerce. The application of sustainability principles to business management is investigated. How environmental issues can drive markets and be used to manage risks and costs is examined. The economic necessity of sustainable business practices is analyzed. Business practices are evaluated to determine their true environmental impact.

Prerequisite(s): ENG1021 or ENG1027, BIO1022 and BIO1026 or SCI1010.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SCI4090 Research Seminar in Sustainability**

This course is a capstone of the student's undergraduate work in the sustainability minor and an introduction to the professional practice of sustainability. The Research Seminar in Sustainability is designed to provide students with opportunities to experience the methods used in business, nonprofit, and government sustainable development initiatives and programs by approaching a single issue from a variety of perspectives. Student groups select topics related to the main issue. Topics are clustered within the categories of policies and sociology, economics, or health and environment. Each group analyzes its topic, discovers relationships to the main issue and other groups' topics, and presents their findings to the entire class. This multidisciplinary seminar serves as an integrative course employing the strategies that will build a sustainable future.

Prerequisite(s): BIO1022 and BIO1026 or SCI1010, SCI3020, SCI3070, SCI3080.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **Sociology (SOC) Courses**

### **SOC1001 Sociology I**

This course provides an introduction to sociology with the focus of study on how humans interact within a society, both as individuals and in groups. Emphasis is placed on sociological methods and perspectives/paradigms.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SOC2005 Honors Seminar: Social Inequalities**

Gender, race, class: Have you ever wondered about the extent of those inequalities today? How are inequalities accomplished and maintained?

This honors seminar serves as an introduction to sociology with a focus on the inequalities of race, gender and especially class. The operations of these inequalities are studied at both the micro, person-to-person level and the macro, institutional level. Students make use of both qualitative and quantitative research methods to explore how the micro and macro levels of analysis connect, and also how race, class and gender intersect.

Prerequisite(s): ENG1024 or English placement, honors or SHARP status.

Offered at Charlotte, Providence

3 Semester Credits

### **SOC2035 Sociology of Aging**

Aging is a lifelong process that affects individuals, families and cultures across the globe. It encompasses a multitude of dimensions — physiological, emotional, cognitive, economic and interpersonal — that influence a person's physical and social well-being. This course examines aging from multiple perspectives and addresses the roles that individuals, families, service industries and government play in attempting to meet the needs of this growing population.

Prerequisite(s): SOC1001 or SOC2005.

Offered at Online, Providence

3 Semester Credits

### **SOC2050 Cultures of Africa**

This course gives students a grounding in the cultures of Sub-Saharan Africa. Students consider how the lives of Africans have been shaped by many forces: geographic, economic, religious, historical, political, linguistic and social. Students become more familiar with many Sub-Saharan African cultures by examining films, television programs, literature and newspapers from around the continent, in addition to more traditional academic sources.

Offered at Charlotte, Providence

3 Semester Credits

### **SOC2100 Sociology of the Family**

This course introduces students to the sociological investigation of the core institution of family. Emphasis is on social, cultural, political and economic forces on family systems and to changes in family life and family structure both in the United States and globally.

Offered at Providence

3 Semester Credits

### **SOC3020 Culture and Food**

This course is on the sociology of food. Students think and rethink the place of food in the human experience and consider topics such as how food and gender intersect, symbolic group boundaries affect how people eat and drink, and cultures share and adapt each other's foods. Students explore how the discipline of sociology examines food as a cultural and social artifact and the role that it plays in societies today.

Prerequisite(s): ENG1020 or ENG1024 or English Placement or SOC1001 or SOC2005.

Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SOC3060 Deviant Behavior**

The purpose of this course is to provide students with a clear understanding of the nature and meaning of deviance. Students learn what is considered the norm in society, what is outside the norm, and how each is relative in nature. Theoretical explanations, cross cultural references and in depth analyses of deviant behavior are studied from the three dominant sociological paradigms. Who defines deviance, what is deviant, why deviance persists, the effect of labels, and the personal and social effects of deviance are discussed.

Prerequisite(s): SOC1001 or SOC2005.

Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SOC3100 Sociology of Race and Ethnicity**

This course confronts the questions of whether every person has both a race and an ethnicity, if these "memberships" matter more in some people's lives than others, and why there is conflict sometimes about what the groups are and who belongs where. Focus is primarily on the United States, but global migration is an important part of the story both in the nation's founding and today as national borders greet global citizens with mixed results. Rather than a survey that characterizes one racial-ethnic group after another, this course emphasizes the social construction of races and ethnicities as historically specific, relational and changeable.

Prerequisite(s): SOC1001 or SOC2005.

Offered at Providence  
3 Semester Credits

### **SOC3200 Environmental Sociology**

This course explores the relationships between society and the environment. It investigates how sociologists and others analyze human-nature interactions. Focus is on how environmental factors such as regional climate change, toxins, availability of resources and natural disasters have shaped social phenomena and how human activities have impacted biological systems and the physical environment. Students investigate the social structures and institutions in our society affecting environmental quality at the local, national and global levels. This course also assesses relevant characteristics of society such as intersecting inequalities, types of environmental movements and social change.

Prerequisite(s): SOC1001 or SOC2005.

Offered at Online, Providence  
3 Semester Credits

### **SOC3300 Gender in Global Perspective**

This course explores the ways in which gender is distinctly socially constructed in societies and places across the globe. Emphasis is on the social factors that shape gender relations and make ideas about gender different in one place from another. Exploring how the elements of everyday life and society interact (culture, economics, politics, history and religion), this course investigates the performances of gender roles and the expectations that align with them. The social construct of the binary idea of gender is challenged in human terms, from both biological and socio-cultural perspectives. This course also uses case studies of various gender relations internationally to explore the many contexts in which ideas, scripts and performances of gender occur.

Prerequisite(s): SOC1001 or SOC2005.

Offered at Providence  
3 Semester Credits

### **SOC5030 The Global Food System**

This interdisciplinary course provides students with an overview of food systems characteristics, exploring how local and regional influences compare with those occurring at the global level. Exploration of major historical developments in the food systems of the past 500 years occurs in order to comprehend how they are influenced by social, political, economic and ecological environments. Students explore the complexities and diversity of the global food system identifying potential challenges facing producers, consumers and policy makers. Aspects of the global food system are examined in the context of a variety of environmental and social challenges ranging from sustainability, climate change and ecosystem degradation to rising rates of obesity and malnutrition. Students debate the challenges of providing a modern food system that can sustain a growing global population living in the midst of increasingly post-industrial societies.

Offered at Providence

3 Semester Credits

## **Spanish (SPAN) Courses**

### **SPAN1001 Conversational Spanish I**

This course is an introduction to the Spanish language with emphasis on vocabulary acquisition, basic grammar construction and oral communications. Students who have studied more than one year of this language are required to take the foreign language placement exam.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPAN1002 Conversational Spanish II**

This lower, intermediate-level course is designed to further develop conversational ability by expanding both the vocabulary and the exposure to Spanish-speaking cultures. Emphasis is on advanced verb forms and idiomatic expressions.

Prerequisite(s): SPAN1001 or language placement.

Offered at Providence

3 Semester Credits

### **SPAN2020 Spanish Language Immersion**

This course, delivered overseas by international language institutes, is designed to develop both fluency in the target language and an in-depth understanding of the historical cultural contexts in which the language is spoken. Students acquire vocabulary through classroom lectures, discussions, required excursions and activities. Students also partner with native speakers of the target language to improve comprehension and communication skills.

Offered at Charlotte, Providence

6 Semester Credits

## **Special Education (SPED) Courses**

### **SPED5110 Inclusive Teaching of Exceptional Learners**

This course examines the theoretical perspectives, general procedures, federal law and Rhode Island regulations of educating students with exceptionalities in today's schools. Special attention is given to the inclusion of students with exceptionalities in the regular classroom to ensure access to high quality teaching and learning. Parent involvement and advocacy are examined. Participants gain experience and understanding that inclusive practices are intricate and collaborative work through their lab experience and course content. Participants gain knowledge of the characteristics and needs of all students, including gifted and talented students and those from diverse backgrounds.

Offered at Providence

3 Semester Credits

### **SPED5120 Assessment and Evaluation of Exceptional Learners**

Teacher candidates learn the steps in the special education referral and evaluation process as delineated by federal and state regulations. Students use methods and tools of structured observations, determine appropriate assessments, present and discuss test results as part of an evaluation team, and collaboratively develop an Individualized Education Plan (IEP) for students with disabilities, including vocational opportunities for secondary students. Participants learn the role of the special educator as advocate throughout these processes and the necessity of maintaining confidentiality. Use of informal strategies (i.e., running records, IRI, analysis of writing and work samples) is emphasized as part of a comprehensive, problem-solving and decision-making evaluation system that systematically monitors student progress. Students employ technology and formal and informal assessment measures to determine eligibility and to develop the IEP.

Prerequisite(s): SPED5110.

Offered at Providence

3 Semester Credits

### **SPED5150 Curriculum and Methods for Exceptional Learners**

Students in this course learn to develop and implement Individual Education Plans (IEPs) for K–12 students. Teacher candidates use data and team participation to develop a legally compliant, effective IEP to ensure each student is provided a Free Appropriate Public Education (FAPE) in their Least Restrictive Environment (LRE). Teacher candidates develop the tools necessary to provide services to implement the IEP in a variety of settings. They learn to adapt curriculum, materials, instruction and environments to meet the individual needs of each of their students. They also learn methods to collect data to monitor student progress toward IEP goals and to report that data to parents.

Prerequisite(s): SPED5120.

Offered at Providence

3 Semester Credits

### **SPED5310 Partnerships: Home, School, Community**

This course prepares participants to effectively collaborate with families, educators, related service providers, and personnel from community agencies in culturally responsive ways, particularly as it relates to the IEP process. Participants are taught to focus on the role of the family as addressed by federal and state laws and to work through the special education process of referrals, evaluations, Individual Education Plans (IEPs), and transitions of individuals with exceptional learning needs. Participants explore and develop transition plans for students with exceptionalities and they learn the role of the special educator as student advocate and facilitator of collaboration. An important focus of the course is to identify effective strategies to enhance communication and collaboration among families, school staff and community resources.

Prerequisite(s): SPED5120.

Offered at Providence

3 Semester Credits

### **SPED6110 Understanding and Managing Behavior in a Diverse Classroom**

This course examines the fundamentals of classroom management and student behavior that are critical to successful learning environments, social interactions and student achievement. The course presents research and effective strategies for developing and maintaining appropriate standards of behavior, classroom organization, management, and optimal use of learning time. Additionally, it addresses the social, emotional and behavioral aspects of working with exceptional learners. A range of social, emotional, behavioral and psycho-educational theories and interventions are examined and discussed.

Prerequisite(s): SPED5120.

Offered at Providence

3 Semester Credits

### **SPED6400 Specialized Instruction**

This course explores research-based and data-driven instructional methodologies and approaches to address the unique needs of exceptional learners. Providing an appropriate education to children with exceptional needs is a responsibility addressed and defined in the 2017 Andrew F. Supreme Court decision. Participants learn how to connect student assessment data, IEP goals and objectives, high-leverage instructional practices and ongoing progress monitoring to ensure meaningful progress toward achieving grade-level standards in an inclusive (or otherwise least restrictive) setting. Special attention is given to instruction in reading, writing and mathematics. Participants review case studies to determine, plan, implement and monitor the effectiveness of specialized instruction in the practicum setting under the supervision of certified professional staff. A comprehensive review of available online and other professional resources to guide instructional decisions is also explored.

Prerequisite(s): SPED5150.

Offered at Providence

3 Semester Credits

### **SPED6915 Student Teaching Part 1: Elementary Special Education**

Students in this course spend 30 school days in a special education teaching situation at a public elementary (grades 1–6) or middle school (grades 4–6) site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the certified school site clinical special educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, Council for Exceptional Children (CEC) Standards, and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): SPED5150.

Offered at Providence

3 Semester Credits

### **SPED6925 Student Teaching Part 2: Elementary Special Education**

Students in this course continue the Student Teaching Part 1: Elementary Special Education placement in a supervised teaching situation at a public elementary (grades 1–6) or middle school (grades 4–6) site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, Council for Exceptional Children (CEC) Standards, and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): SPED6915.

Offered at Providence

3 Semester Credits

### **SPED6935 Student Teaching Part 1: Secondary Special Education**

Students in this course spend 30 school days in a supervised teaching situation at a public secondary school site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site clinical special educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, Council for Exceptional Children (CEC) Standards, and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): SPED5150.

Offered at Providence

3 Semester Credits

### **SPED6945 Student Teaching Part 2: Secondary Special Education**

Students in this course continue the Student Teaching Part 1: Secondary Special Education placement in a supervised teaching situation at a public secondary school site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, Council for Exceptional Children (CEC) Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.

Prerequisite(s): SPED6935.

Offered at Providence

3 Semester Credits

## **Sport/Ent/Event Mgmt (SEE) Courses**

### **SEE1001 Introduction to the Sports, Entertainment and Event Management Industry**

This course introduces students to the sports, entertainment and event management field. Emphasis is on the historical development, organizational structure, use of technology and career opportunities that exist within the industry. Operational issues related to the management of events and facilities such as arenas, convention centers and stadiums are also discussed.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SEE2005 The Business of Sports**

This course explores the business of sports. Focus is on acquiring knowledge pertaining to sports events, legal and ethical aspects of sport, sport venues, and sport economics. Course content focuses on the comprehensive nature of professional and amateur sports.

Prerequisite(s): BUS1001 or FSM1001 or HOSP1001 or SEE1001.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SEE2015 Leadership in Recreation/Leisure Settings**

This course explores leadership qualities, styles and group dynamics. Students examine a selection of program activities and guidelines for presenting and developing them effectively. Focus is on developing, leading and evaluating activities based on varying participant requirements. Aspects of group facilitation, activity sequencing and debriefing are discussed.

Offered at Online, Providence

3 Semester Credits

### **SEE2030 The Business of Entertainment**

This course is designed to provide students with core knowledge of the diverse and dynamic entertainment industry. Topics include the historical development of the entertainment industry, current trends and industry regulations, theater and the arts, music, cinema, sports entertainment, television, and alternative entertainment. Issues related to industry best practices, effective artist/performer management and entertainment event production are also discussed.

Prerequisite(s): None.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SEE2040 Outdoor Recreation Planning**

This course provides an introduction to the concept of outdoor recreation, outdoor recreation planning and the specific use of our environment for recreation by individuals, private agencies and government agencies. The study of federal programs including the National Park Service is an integral part of this course.

Offered at Charlotte, Providence

3 Semester Credits

### **SEE2120 Introduction to the Music Industry**

In this survey style course, students explore the sectors of the music industry including artist management, concert production, recorded music, copyright, performing rights organizations, songwriting, music publishing, merchandise, audio production and radio. While interpreting the historical underpinnings of the music industry, students evaluate the current industry landscape.

Course activities include the analysis and interpretation of legal documents, financial statements and marketing materials with a focus on the practice of industry-standard communication and exploration of career opportunities.

Prerequisite(s): Sophomore status.

Offered at Providence

3 Semester Credits

### **SEE2150 Safety, Security and Risk Management in the SEEM Industry**

This course provides the opportunity for students to gain an understanding regarding specific risk management, risk operation, risk assessment, planning and evaluative techniques used by professionals within the sports, entertainment, event and venue management field. Students acquire knowledge on how to manage, reduce and transfer risks to provide a safe and secure environment in venues for events. Students also gain fundamental knowledge of assessing risk operations and understanding liabilities of conducting an event in a venue. Students have the optional opportunity to take part in the Trained Crowd Manager Certification through the International Association of Venue Managers (IAVM) for an additional cost.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SEE2180 Sporting Activities in Private Clubs**

The central purpose of private clubs is to provide benefits to members, including access to social and recreational facilities. This course offers students a deep exploration into the types of sporting activities offered to multigenerational and demographically diverse memberships. Students develop a proficient understanding of the sporting activity's purpose, rules, levels of competition, equipment, facilities, staffing, and safety concerns. Private clubs, which offer a particularly high level of membership attraction for particular sporting activities, are used to demonstrate fully developed and extensive programming.

Offered at Providence

3 Semester Credits

### **SEE3018 Fan Engagement and the Guest Experience**

This course explores the business dynamics of ticket sales and operations as well as the business dynamics of ancillary service within the sports, entertainment and event industry. Students explore the management, marketing and promotional efforts behind the sale of tickets and the operational strategies used to administer ticketing and box office inventory control systems. In addition, students learn the current procedures and standards for managing food and beverage and retail services. Students focus on the manager's role in delivering multiple levels of service in an effective manner.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SEE3030 Athletic Coaching and Administration**

This course focuses on understanding basic coaching/administrative principles and philosophies for sports and athletics. It emphasizes the interscholastic and intercollegiate experiences. Students explore a wide range of topics related to the current issues and trends in athletic coaching and administration.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SEE3041 Special Event Protocol**

Students in this course examine the specifics of social and professional business etiquette and the event protocol. Official protocol and the order of precedence for governmental, military and social organizations are investigated as well. The unique challenges presented by official ceremonial events such as state dinners, flag ceremonies, inaugurations, dedications, graduations, parades, state and military funerals, and memorial services, etc. are discussed, and students formulate effective strategies for managing such events.

Prerequisite(s): Sophomore status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SEE3042 Weddings & Ceremonies**

This course examines the unique aspects of planning and executing various ceremonial events such as weddings (traditional and nontraditional), bar/bat mitzvahs, quinceanera parties, debutante balls, anniversaries and civilian funerals. Special emphasis is on adapting the traditional event cycle to the challenges presented by these social life-cycle events and the numerous ethnic and religious traditions associated with them. Industry best practices for custom event design including decor, entertainment, catering and budgeting are explored. In addition, strategies for attracting, managing and retaining clients are discussed.

Prerequisite(s): Sophomore status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SEE3055 International Special Event Management**

This upper-level course, taught only on a campus outside of the United States during a term abroad program, focuses on the development, planning and management of international special events. Emphasis is on research and development, site selection, social and cultural issues, marketing and sponsorship, and human resource management. In addition, the challenges presented by producing an event in a non-domestic venue are explored in detail.

Prerequisite(s): EVNT2020, must be accepted in Study Abroad program.  
Offered at Charlotte, Providence  
6 Semester Credits

### **SEE3060 Concert, Tour and Music Festival Production Management**

This course focuses on event and concert tour production. Emphasis is on managing a show on stage, back stage and on the road. In addition, tools for set building, lighting, sculpting sound with microphones and mixers, reviewing basic electrical formula, performance contracts, technical riders and a production checklist are explored.

Prerequisite(s): Sophomore status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SEE3065 Fundamentals of Fundraising and Philanthropy**

This course is designed to explore the role fundraising and philanthropy can play in the success of the nonprofit and voluntary sectors of industry. Focus is on acquiring a sound knowledge base pertaining to sponsorship opportunities, grants, campaigns (capital and annual), planned giving and corporate partnerships. In particular, the course addresses the most effective strategies for leveraging such affiliations so that organizations achieve their funding goals.

Prerequisite(s): Sophomore status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SEE3120 Fitness and Wellness Center Management**

This course focuses on the skills necessary to manage a fitness and wellness center. Emphasis is on the development and design of the facility layout, daily operations, and fitness/wellness programs located in private, public, corporate, hotel, resort, university and recreational facilities. Students learn program development skills necessary to operate and manage a fitness/wellness facility. A Directed Experiential Education (DEE) opportunity may be incorporated into this course. DEE opportunities are based on project availability with community partners and student eligibility.

Offered at Online, Providence  
3 Semester Credits

### **SEE3150 Television and Movie Production Management**

Students examine the creative, organizational and managerial processes involved in the development, creation and promotion of film, television and other forms of visual media. Emphasis is on legal issues and agreements, scheduling, budgeting and all aspects of production management.

Prerequisite(s): SEE2030.  
Offered at Charlotte, Providence  
3 Semester Credits

### **SEE3170 International Exhibitions & Events**

This course is designed to give students practical experience in developing a trade show or exhibition with special emphasis on pre-planning, budget preparation, advertising and/or public relations and exhibit setup, including exhibit registration, booth accommodations and assignments, draping, audiovisual, programming and wrap-up. This course also has an experiential learning component.

Prerequisite(s): Sophomore status.  
Offered at Charlotte, Providence  
3 Semester Credits

### **SEE3850 Negotiations and Agreements in Hospitality, Sports, Entertainment and Event Management**

This course explores the theory and practice of negotiations within the sports, entertainment, event, hotel, tourism and food service industries. Topics include discussion and presentation of the skills necessary to be a successful negotiator of agreements and contracts within the hospitality industry domestically and internationally. This course also explores labor relations and articulates the union/management negotiation process, including collective bargaining.

Prerequisite(s): LAW2001 or LAW2005.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SEE3860 Relationship Management: Sales, Sponsorship and Negotiations**

This course explores the theory and practice of negotiations within the areas of sports, entertainment and events. Topics include discussion and presentation of the skills necessary to be a successful negotiator of agreements and contracts. Students explore the procedures and tactics necessary to define, target, attract, secure and retain corporate sponsors within the SEEM marketplace. Throughout the course students practice effective negotiation and sales strategies and analyze the impact of relationship management.

Prerequisite(s): Junior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SEE4020 Sports and Entertainment Marketing**

This course exposes students to marketing concepts relating to the sports and entertainment industries. It addresses various products, consumer markets, strategic market analysis and valuation within the sports/entertainment industries. Major topics include the negotiation process, promotions, public relations, market research and sponsorships.

Prerequisite(s): Junior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits

### **SEE4050 International Sports, Entertainment, Event and Venue Management**

This course is designed to encapsulate the student's sports, entertainment and event management academic experience. Students apply critical thinking and problem solving skills to current and potential sports, entertainment, event and venue industry issues. Emphasis is on applying managerial principles, professional communication and ethical practices within national and international venues and events.

Prerequisite(s): Junior status.  
Offered at Charlotte, Online, Providence  
3 Semester Credits



### **SEE4060 Sports/Entertainment/Event Management Seminar**

This senior-level course is designed to provide insight into the policy formulation and strategic management of recreation/leisure and sports/entertainment/event services. Utilizing case studies, realism is introduced into the classroom, improving the critical thinking and decision-making abilities of the student.

Prerequisite(s): Senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SEE4070 Live Entertainment and Concert Tour Management**

In this course focused on tour management in the live entertainment industry, advanced study into the business of touring entertainment entities and related intermediaries is explored. Situated in client representation, students engage in micro- and macro-level analysis of an entertainer's career with a focus on live touring. Course content focuses on decision-making, relationship management, negotiations, licensing, partnerships, and overall communication to stakeholders in the entertainment industry. Through case study analysis and examination of legal, financial and marketing norms in the entertainment industry, students not only gain experience in the management of live entertainment, but also explore the scope of career opportunities in this area.

Prerequisite(s): Junior status.

Offered at Providence

3 Semester Credits

### **SEE6000 Event Leadership and Planning**

This advanced course enables students to gain competence in the event management and planning process. Topics include research, design, planning, coordinating and evaluating events. Students gain knowledge of different event management models used by event leaders. Students also have the opportunity to assess the legal, ethical and risk management issues involved in the event management profession.

Prerequisite(s): Completion of required foundation courses.

Offered at Online, Providence

3 Semester Credits

### **SEE6020 Event Operations & Risk Management**

This advanced course enables students to gain competence in the specific risk management, risk operations, risk assessment, planning and evaluative techniques used by professional event leaders to mitigate risk proactively. Students gain knowledge in risk management, risk operations, risk assessment, avoidance, planning and control of risk associated with events, and explore methods for eliminating, reducing and transferring these risks to improve the successful outcomes of their events. Students gain proficiency in assessing risk operations, understanding the liabilities of conducting an event, contract law, contractual responsibilities in planning and implementing an event, either for one's own organization, or acting as an agent on a fee-for-service basis.

Prerequisite(s): Completion of required foundation courses.

Offered at Online, Providence

3 Semester Credits

### **SEE6040 Sustainable Event Management**

This course is designed to explore the pillars of sustainable event management solutions and their impact on large-scale live events. Analysis of sustainable event management areas such as energy, transport, water, and waste supply chains and their impact on live events are investigated. The purchasing processes as well as the use of products with low carbon footprints and their impact on the live event are explored.

Prerequisite(s): Completion of required foundation courses.

Offered at Online, Providence

3 Semester Credits

### **SEE6060 Negotiations for Event Management**

This advanced course allows students to explore negotiation techniques in the event management process. Topics include sponsorship, sales, negotiations and contracting. Exposure to venue, food and beverage, speaker, and entertainment procurement, negotiations, contracting and management takes place. Examination is conducted on events, domestically and internationally, within both corporate and private sectors. This course also explores labor relations as it applies to event management.

Offered at Online, Providence

3 Semester Credits

## Sport Management (SPM) Courses

### **SPM1001 Introduction to Sport Management**

This course introduces students to the sports management industry. Emphasis is on the historical development, organizational structure, use of segments of the sports industry, and career opportunities that exist within the sports management industry. The course is also designed to provide first-year and transfer students in the Sports Management program with educational experiences and information about university resources and academic tools available to them that will help support academic success at JWU.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM1020 Managing Sport Events**

This course is designed to familiarize students with principles and practices related to effective sport event management. The coursework approaches sport event management from a practical standpoint, integrating theory to support suggestions for practice while students move through the entire process of organizing sport events, from event conception through post event evaluation.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM1040 Principles of Sport Management**

This course provides a comprehensive overview of management topics with an in-depth focus on how to manage sport organizations. Thorough coverage of the principles of management concepts, combined with robust sport applications and exercises, develop sport management skills which students can use in both their personal and professional lives.

Prerequisite(s): SPM1001 (or concurrent).

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM2012 Intercollegiate, Amateur and Olympic Sports**

This course explores the history, business, structure, philosophy, and issues/trends of intercollegiate, amateur and Olympic sports. Focus is on acquiring knowledge pertaining to events, legal and ethical aspects, current trends/issues, venues, and economics of intercollegiate, amateur and Olympic sports. Course content focuses on the comprehensive nature of intercollegiate, amateur, youth, recreational, interscholastic and Olympic sports.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM2220 Professional Sport Management**

This course focuses on the management and issues related to professional sports enterprises. Emphasis is placed on the theoretical foundations of professional sports and the application of management principles in the industry.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM3002 Economics and Finance of Sport**

Economics and financial markets impact all areas of sport. Students explore the relationships that exist between economics and the business aspects of sport. Topics include attendance and attendance modeling, salary structure and salary caps, and financing stadia. The course also investigates private-versus-public financing of sports teams and venues.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM3031 Sport Compliance, Governance and Regulation**

This course explores the myriad of rules and regulations in sport, and how the role of compliance affects sport organizations. Students learn how sport industry professionals help shape, react to, and operate under the regulatory structures of various sport organizations. Emphasis is placed on investigation of NCAA and North American professional sport organizations.

Prerequisite(s): LAW2001 or LAW2005.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM3040 Global Perspectives of Sport**

Sports extend beyond the United States and national boundaries. This course explores sport from a global perspective by examining various national sport cultures. Students investigate sport participation from around the globe from business, societal and economic perspectives. Other international sporting events and venues are explored.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM3050 Managing Sport Organizations**

This course introduces students to the theory and practice of managing sports organizations. Students examine a range of strategic human resource management approaches that can be used by sports organizations to respond to contemporary challenges and to develop a sustainable performance culture.

Prerequisite(s): Sophomore status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM4010 Sport Marketing & Analytics**

This course exposes students to marketing concepts relating to the sports industry. It addresses various products, consumer markets, strategic market analysis and valuation within the sports industry. The course also looks at the use of analytics for the purposes of marketing and sales in the sports industry.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM4030 Sport in Contemporary Society**

Sports are integrated into society, consumed by spectators and participants around the world. How did sports become so important? This course examines the cultural, social, political, philosophical and psychological aspects of sport history. Students identify, examine and evaluate the role of sport in contemporary society.

Prerequisite(s): Junior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **SPM4060 Innovative Leadership in Sport**

This senior-level capstone course is designed to equip students with contemporary, ethical and innovative leadership strategies in sport. Students gain insight into a variety of leadership styles and competencies that will aid in positioning themselves to assume leadership roles in the sport industry. Students gain a comprehensive understanding of strategies to improve leadership aptitude, including creative problem solving, communicating effectively, managing conflict, inspiring collaboration and teamwork, and shepherding the development of sport organizations.

Prerequisite(s): Senior status.

Offered at Charlotte, Online, Providence

3 Semester Credits

## **Sport Leadership (SPL) Courses**

### **SPL5100 Sports and Entertainment Venues & Events, Development and Management**

This graduate-level course focuses on the leadership required to develop and effectively manage entertainment and sports venues and events, as well as analyze and successfully implement best practices required in a uniquely time sensitive environment.

Offered at Online, Providence

3 Semester Credits

### **SPL6010 Finance and Revenue Generation in Sport**

This course reviews revenue generation, skills and techniques needed to succeed in the ever-changing industry of sports. The course focuses on advanced sport sponsorship design and strategies in addition to a comprehensive overview of the revenue generating streams of ticket sales, concession sales and merchandise sales for various sport organizations. The course also offers a conceptual framework for the planning, development, management and implementation of sport fundraising events.

Offered at Online, Providence

3 Semester Credits

### **SPL6030 Global Issues in Sport Leadership**

This upper-level graduate course explores sociological concepts of how sports and sport participation impact the lives of individuals and groups in a society. Students explore several significant contemporary sport sociology issues, including drug abuse, race, ethnicity, gender inequity, ethics, gambling and violence. To increase their sociological understanding of sport, students identify and discuss sociological perspectives about the components of sport and physical activity.

Offered at Online, Providence

3 Semester Credits

### **SPL6050 Contemporary Leadership Strategies in Sport**

This course investigates leadership strategies in sport. Focus is on leadership theories and practices and their applications to the sport industry. The content of the course includes an exploration of problem solving, serving in leadership positions and training others to serve in sports organizations.

Offered at Online, Providence

3 Semester Credits

### **SPL6070 Effective Communication Strategies in Sport**

This course focuses on implementing effective communication strategies when leading an organization within the sports industry. Emphasis is placed on the variety of communication methodologies and vehicles that can be leveraged to create positive results when leading a sports organization. This course examines both internal and external communications strategies aimed at achieving positive results within a fast-paced and continually shifting global sports community.

Offered at Online, Providence

3 Semester Credits

### **SPL6120 Diversity and Social Responsibility in Sport**

This course explores common questions and issues about sport and its relation to society through various sociological and cultural lenses. The course provides the foundations for examining the multifaceted roles of sport and physical activity in society and for studying sport from a critical perspective. Students also understand and evaluate the sociocultural issues raised by sport and relate these themes to their own lives. Through this in-depth examination of sociocultural issues, students are able to understand and appreciate the development of sport as a part and reflection of the development of society.

Offered at Online, Providence

3 Semester Credits

### **SPL6150 Advanced Marketing Methods in Sport**

This course focuses on the techniques for formulating strategic marketing and promotional applications for a diverse array of sports organizations. Emphasis is placed on the use of analytics as well as both quantitative and qualitative data to drive key business decisions. Topics discussed include licensing rights, sales proposal development, sponsor solicitation, new business development, endorsements and merchandising, commercialization of technology and corporate partnerships. Students examine case studies in order to discern key marketing concepts and strategies.

Prerequisite(s): 15 credits completed in Sport Leadership major courses.

Offered at Online, Providence

3 Semester Credits

## **Sustainable Food Systems (SFS) Courses**

### **SFS1001 Introduction to Food Systems**

This course explores the food system — a complex and adaptive network entangled within social, political, economic and natural environments at multiple levels. It includes investigations into the history of the system, as well as the effects of industrialization, globalization, and climate change. Students in this course also research food commodities, tracing their pathway from production to consumption throughout the local, regional and international food web. Further, students survey and debate alternative food production systems and critically analyze wicked problems related to food, health, economy, people, planet, policy and justice.

Offered at Charlotte, Providence

3 Semester Credits

**SFS2110 Culinary Science, Nutrition & Sensory Analysis**

This course introduces students to the basic functions of ingredients, macronutrients and cooking processes. Students conduct experiments and think critically to compare, contrast and evaluate how ingredients change through the use of various cooking techniques. This course explores dietary guidelines, recipe modification, ingredient substitution, and problem-solving in the kitchen. Emphasis is placed on the sensory evaluation of food, the development and use of sensory terminology, approaches to healthful plate design, and real-world restaurant applications. Sections of this course offered online are reserved for students in special industry partner programs. Prerequisite(s): CUL1100, BPA2720 or (CUL1200, CUL1310, CUL1420) or (CUL1210, CUL1320, CUL1410).

Offered at Charlotte, Online, Providence  
3 Semester Credits

**SFS2210 Cooking from the Farmstand**

This culinary lab explores the farm-to-table movement, investigating the connections between public health and the local food system. Students create meals focused on wellness, authenticity, accessibility, appeal and traceability. Special topics include localizing the menu, menu decolonization, mindful eating, farm-to-table formats, and sustainable food production. Prerequisite(s): BPA2720 (or concurrent) or (CUL1100, CUL1210, CUL1320, CUL1410).

Offered at Charlotte, Providence  
3 Semester Credits

**SFS2410 Growing for the Menu**

Students explore agricultural approaches to food production to promote systemic changes in the food system and to foster an environmentally sustainable land ethic. While considering community food security, cultural foodways are studied as students apply menu and garden planning in the growing and production of food from farm to plate. Unsustainability within industrialized agriculture is researched while potential solutions are investigated.

Offered at Charlotte, Providence  
3 Semester Credits

**SFS2411 Cooking for Regenerative Foodways**

This course offers a critical investigation into the cultural, social, economic and historical practices relating to production, preparation, consumption, and power struggles associated with food. Students explore local and global foodscapes to inspect the contemporary cultural and ethical ramifications of food choice, food advocacy, and social justice through cooking. Prerequisite(s): BPA2720 (or concurrent) or (CUL1100, CUL1210, CUL1320, CUL1410).

Offered at Charlotte, Providence  
3 Semester Credits

**SFS3001 Sustainability in the Culinary Kitchen**

This course defines and explores food sustainability through hands-on experiences with local food producers and artisans. It examines the roles and responsibilities of chefs and food service professionals as they relate to sustainable food systems. Students research the local, national, and global economic, agricultural, political and ethical issues regarding the sourcing, use and disposal of foods.

Offered at Charlotte, Providence  
3 Semester Credits

**SFS3002 Ancient Grains and Hearth Breads**

This course takes students on a whole-grain baking and cooking journey. Properties and characteristics of ingredients, the baker's percentage system, and the fundamentals of yeasted bread production, including mixing techniques, controlled fermentation, and baking methodology are studied. Students culture their own naturally leavened sourdough starter and use it to bake sourdough breads. The history of grains and milling are also examined, as well as today's farmer/miller/baker relationships and their role in society and the beverage industry. The emphasis on grains includes traditional and modern culinary applications. Products include, but are not limited to, yeasted breads, naturally leavened breads, leavened and unleavened whole-grain savory snacks, grain salads, sprouted grain items, and a survey of regional pizza.

Prerequisite(s): Completion of all freshman culinary or baking labs.  
Offered at Charlotte, Providence  
3 Semester Credits

**SFS3144 Farm to Table Desserts**

This course focuses on the creation of plated desserts centered around seasonal produce and artisan products from a modern perspective. Emphasis is placed on incorporating local fruits and vegetables, whole grains, and artisan items by using fundamental and innovative pastry techniques. Students also explore extending the seasonality of desserts through food preservation methods and apply their knowledge by creating and executing a contemporary multi-course dessert tasting menu.

Prerequisite(s): Completion of all freshman culinary or baking labs.  
Offered at Charlotte, Providence  
3 Semester Credits

**SFS3200 Plant-Based Cuisine**

Daily production focuses on the types, preparation and nutritional aspects of plant-based foods, diets and cuisines ranging from vegetarian to meat-minimalistic. Students investigate the reasons why people choose plant-based diets and how to prepare and market plant-based menu items across various cuisine concepts. Topics include cultural and global perspectives, economics, health, growing conditions, farm-to-table cuisine, sustainability, and current industry trends.

Prerequisite(s): BPA2720 or completion of all freshman culinary labs.  
Offered at Charlotte, Providence  
3 Semester Credits

**SFS3244 Cuisine & Culture of the Mediterranean**

This course introduces students to Mediterranean cuisine and culture through innovative experiential educational activities via study abroad. Guided by resident specialists, students explore archaeological and historical sites, nature reserves, organic farms, vineyards, farmers' markets, village ports, taverns, bakeries and artisan food production facilities. Students also participate in cooking classes taught by regional and provincial chefs. Through activities and exploration of Mediterranean foodways, students engage with local communities to learn how culture, community and cuisine intersect.

Prerequisite(s): ENG1020 or ENG1024 or English placement or instructor approval.  
Offered at Charlotte, Providence  
3 Semester Credits

**SFS3254 Mediterranean Breads, Pastries & Sweets**

This course introduces students to Mediterranean breads, pastries and sweets through innovative experiential educational activities via study abroad. Students examine how distinction in foodstuffs are shaped by cultural influences, and consider the notion of authenticity as it relates to regional specialties. The concept of artisan is explored and its association to time-honored methods employed in traditional foods. Students gain knowledge through participating and observing methods and techniques employed in traditional breads, pastries and sweets by local artisans. This course is open to students from any discipline that would like to explore foodways via study abroad.

Prerequisite(s): ENG1020 or ENG1024 or English placement or instructor approval.  
Offered at Charlotte, Providence  
3 Semester Credits

**SFS3260 Food System Journeys**

Students enrolled in Food System Journeys engage in experiential learning while exploring the complexities within the global food system through curated food system tours that include agricultural, food distribution, food retail, restaurant, governmental and nonprofit organizations. Students gain valuable applied experience while making connections across the food system, learning about the challenges and nuances involved in producing food and how their actions influence the system. Additionally, through problem-based learning and reflective assignments, students gain greater insight into systemic issues related to building a more resilient and regenerative food system and how their actions in the food system can help create a more sustainable food future.

Prerequisite(s): SFS1001 or SFS3001 or department chair approval.  
Offered at Charlotte, Providence  
3 Semester Credits

### **SFS3300 Conscious Cuisine**

Students employ techniques of advanced food preparation while researching, adapting, designing and producing full-flavored, locally sourced, sustainable recipes and menus. The ability to articulate how these dishes are connected to local farms, locally raised animals and surrounding waters is demonstrated. Food cost and food waste management are emphasized, including product use and cross utilization, such as snout-to-tail cookery, and the production of artisan charcuterie and condiment products.

Prerequisite(s): BPA2720 or completion of all freshman culinary labs.

Offered at Charlotte, Providence

3 Semester Credits

### **SFS4001 Cultivating Local Food Systems**

Students explore the correlation between food policy and its impact on a local food system, as well as apply sustainability principles through collaboration with local food-connected organizations. Emphasis is placed on building relationships within the community, and in exploring ecological and socio-economic impacts. Students investigate governmental, nonprofit and other organizations to evaluate the influence of sustainability concepts on their mission and work. Insight into food policy and food justice, combined with a comprehensive sustainability plan, afford students the ability to evaluate the vitality and the promotion of a local food system.

Prerequisite(s): SFS3001.

Offered at Charlotte, Providence

3 Semester Credits

### **SFS4110 Health & the Harvest**

Students explore the correlation between health, wellness and the vitality of a local food system. Emphasis is placed on designing full-flavored recipes and menus that align with current dietary guidelines, support the local food system and meet the expectations of today's consumer. Advanced techniques of nutritionally sound food preparation as reflected in current research are discussed and practiced.

Prerequisite(s): CULN3155 or SFS3001.

Offered at Charlotte, Providence

3 Semester Credits

### **SFS4280 Capstone Seminar in Sustainable Food Systems**

This capstone seminar is the culmination of the learning experiences and skills students have acquired throughout the course of their Sustainable Food Systems program. Students develop a research thesis and professional portfolio in preparation for practicing sustainable food system policy in a variety of professional settings and graduate school programs. The emphasis of this research/professional seminar is three-fold: 1) to support students in designing and making operational a research project, 2) to produce a portfolio and professional development plan, and 3) to write an effectively articulated research thesis. Students engage in ongoing peer-review and consultation sessions with the purpose of encouraging a resourcefulness-approach to professionalism and personal skills enhancement, both in future career and academic pursuits. Throughout the seminar, emphasis is on supporting students to conceive of and articulate the applicability of their acquired skills and program-related experiences to their developing career and future study.

Prerequisite(s): HSC1230, PSCI1001, SFS1001, (SFS3001 or CUL3250).

Offered at Charlotte, Providence

3 Semester Credits

## Technology Experiential Education (TECX) Courses

### **TECX4099 College of Engineering & Design Internship**

This course allows students enrolled in the College of Engineering & Design the opportunity to engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through this internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the workplace. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success in their chosen profession.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a 2.75 cumulative GPA and 2) have completed 90 hours of course work.

Offered at Charlotte, Online, Providence

3-12 Semester Credits

### **TECX4190 Technical Solutions Design Project**

The Technical Solutions Design Project offers students an intensive, semester-long, project-based experiential learning opportunity conducted under the supervision of a faculty member. Experiences are driven by a design idea or technical problem resolution to create and complete a functional product or project which includes real-world constraints and considers industry standards and codes. Students work independently on a design or technical problem resolution or in project teams to apply acquired discipline-specific skills and knowledge, develop leadership and collaborative abilities and refine critical thinking, problem solving skills and project management skills. Students submit their work for regular phase reviews on specific time schedules to monitor project progress, quality and functionality. This course is one of several options in the College of Engineering & Design for students to fulfill their experiential education requirements.

Prerequisite(s): Junior status, Department Chair Approval.

Offered at Charlotte, Providence

3 Semester Credits

## Travel Tourism (TRVL) Courses

### **TRVL1105 Adventure, Sport and Nature-Based Tourism**

This course provides the student with a solid foundation of knowledge related to adventure, sport and nature-based tourism and focuses on key considerations necessary for its implementation. The course offers an opportunity for a field project.

Offered at Charlotte, Providence

3 Semester Credits

### **TRVL2010 Dynamics of Tourism and Sustainability**

This is a management-oriented course covering the economic, cultural and social functions in the planning and development of the tourism industry. Emphasis is on organizational concepts.

Offered at Charlotte, Online, Providence

3 Semester Credits

### **TRVL2040 Travel Sales Management**

This course emphasizes service as an integral part of the selling process. The reciprocal relationship between selling and service is presented within the context of the total travel sales effort.

Prerequisite(s): FSM1001 or HOSP1001 or SEE1001.

Offered at Providence

3 Semester Credits

### **TRVL2165 Food Culture and Tourism**

This course introduces students to the significance of food and beverage as it relates to the tourism industry. Students build a fundamental knowledge to effectively communicate with travel/tourism/hospitality planners and food service staff. Emphasis is on linking food, wine and tourism, and the impact related to destination development internationally. This course also examines international service styles, cultural etiquette, food terminology, and basic food and wine pairings.

Offered at Online, Providence

3 Semester Credits

**TRVL2801 World Geography for Tourism and Hospitality**

This course is designed to provide the student with the knowledge and skills necessary to work and travel in a global environment. Students explore both current and emerging destinations from around the world. The course discusses the cultural, recreational and social significance to the traveler and the economy.

Offered at Online, Providence  
3 Semester Credits

**TRVL3020 Ecotourism**

This upper-level course explores an emerging dimension of tourism: ecotourism. Students investigate the impact of specific environmental issues on tourism, including water pollution, air pollution, habitat destruction, etc., and focus on the impact of tourism on the physical, biological and cultural environment. The role of the tourism industry as it relates to the provision of ecotourism experiences is also discussed.

Offered at Charlotte, Providence  
3 Semester Credits

**TRVL3030 International Policies of Tourism**

This intermediate-level course is designed to provide the student with an increased understanding in the area of international tourism development. Emphasis is placed on the definitive study of the essential components for a successful national tourism program.

Prerequisite(s): TRVL2010 or TRVL3010.  
Offered at Online, Providence  
3 Semester Credits

**TRVL3035 Tour Management Operations**

This course is designed for students planning careers in tour guiding or tour operations. Topics include tour operations, components of a tour, tour management positions, characteristics of professional tour guides, the psychology of tour management and internal communications. The culmination of this course is a tour to a selected international destination, where each student researches, negotiates and develops a highly anticipated journey.

Prerequisite(s): TRVL2010, junior status.  
Offered at Online, Providence  
3 Semester Credits

**TRVL3801 Special Topics in Adventure Resort Management**

This course provides the student with a solid foundation of knowledge related to the Adventure Resort and focuses on all aspects of operation and program development. The course offers an opportunity for a field project. Students are required to participate in all off-campus activities with the designated industry partners.

Offered at Providence  
3 Semester Credits

**TRVL4010 Tourism Economics**

This upper-level course explores the role of economics in tourism development. Macroeconomic and microeconomic theory are applied to problems of community resource allocation. Particular attention is paid to the problems of multiple use of community resources and to the conflicts between private and public goals.

Prerequisite(s): TRVL3010.  
Offered at Online, Providence  
3 Semester Credits

**TRVL4011 Destination Management Organization**

This course integrates the administrative functions of a destination management or marketing organization (DMO). The interrelationships of operations, marketing and finance are analyzed and evaluated. A Directed Experiential Education (DEE) opportunity may be an integral part of this course. DEE opportunities are based on project availability with community partners and student eligibility.

Prerequisite(s): HOSP3053 or MRKT1001.  
Offered at Online, Providence  
3 Semester Credits

**TRVL4035 Leading an Adventure Experience**

This course is designed for students planning careers in adventure, outdoor recreation, sport and ecotourism operations. It equips students with the skills and knowledge to successfully plan, manage and execute an outdoor adventure travel experience. Topics include leadership strategies, risk management, health and wellness, best practices, customer relations, and sustainable practices. Students develop and lead an adventure experience during the course that incorporates these key skills and concepts.

Prerequisite(s): TRVL3035.  
Offered at Providence  
3 Semester Credits

**TRVL5010 Tourism Principles and Foundations**

This course focuses on major concepts, principles and theories in the tourism industry. Special attention is given to the social, economic and environmental impacts of the tourism industry. The course covers a broad range of topics that relate to the industry, its stakeholders and constituents that shape the nature of the tourism industry and are affected by it.

Offered at Providence  
3 Semester Credits

**TRVL5030 Financial Concepts in Sustainable Tourism Development**

This course focuses on major concepts, principles and theories in the financial field of sustainable tourism development. Students examine financial strategies and determine their viability to the economic development of a destination. Financial terminology and concepts are examined and applied to a real life situation.

Offered at Providence  
3 Semester Credits

**TRVL5050 Foundation of Consulting for the Tourism Industry**

This course explores the theories of consulting as well as the roles and responsibilities of the consultants. Special attention is paid to the different strategies that may be used in the consulting process. The application of ethical strategies is evaluated and analyzed. Strategies that ensure sustainable growth are evaluated during the term. An assessment of the conditions that determine the need for internal or external consultants are evaluated as well.

Offered at Providence  
3 Semester Credits

**TRVL5070 Global Tourism Marketing and Branding**

This course focuses on major concepts, principles and theories in the marketing of tourism products and services. Students focus on the different techniques used in the creation and maintenance of tourism brands. Students analyze marketing concepts and theories involved in the creation of annual and longer term marketing and branding plans.

Offered at Providence  
3 Semester Credits

**TRVL5120 Planning for Ethical and Sustainable Tourism Development**

This course focuses on major concepts, principles and theories in the field of ethical economic and sustainable tourism development. This course is designed to assess the involvement of stakeholders in the development of tourism destinations. Students analyze the role of stakeholders in an effort to minimize the negative effects of tourism. Strategies to ensure economic growth and long-term sustainability of tourism development are analyzed and applied.

Offered at Providence  
3 Semester Credits

**TRVL5140 Product Development and Innovation in Sustainable Tourism — Shared and Experience Economics**

This course focuses on major concepts, principles and theories in the successful development of tourism products. This course investigates feasibility and the potential for successful development of new tourism products. Life cycle of existing products are assessed with the goal of extending it for longer than the usual cycle. New products are evaluated for their ability and inability to sustain their appeal for the long run. Trends in tourism product development, and "shared" and the "experience" economy are examined.

Offered at Providence  
3 Semester Credits

**TRVL5210 Tourism Economics**

This course examines the role of economics in sustainable tourism and economic development. Macroeconomics and microeconomics are used to analyze and explain economic activities and scenarios in the tourism industry. Course content includes the relationship between supply and demand, consumer behavior and government economic policies, and their impact on the tourism industry. Emphasis is placed on the role of government in facilitating tourism and economic development.

Offered at Providence

3 Semester Credits

**TRVL6100 Applied Research Methods in Sustainable Tourism Development**

This course focuses on major concepts, principles and theories in tourism research. Literature analysis, data collection, analysis of data and producing a report are discussed. This course prepares students to engage in case analysis and evaluate past and current scenarios in quantitative and qualitative research methods.

Offered at Providence

3 Semester Credits

**TRVL6140 International Tourism Development, Economic Issues and Strategic Solutions in the Developing World**

This course is designed to encompass all the principles, theories and policies that are utilized when facing developmental issues. Current conditions and challenges facing the developing world are analyzed. Formulating new strategies and analyzing existing strategies require students to become familiar with current conditions in the developing world.

Offered at Providence

3 Semester Credits

**TRVL6180 International Sustainable Tourism Policy Analysis and Development**

This course incorporates analysis of local, state, country and international tourism policies. Focus is on research, data collection and the formulation of tourism policy. Emphasis is given to the similarities and differences among the variety of tourism policies and their impact on the industry, community and other industry stakeholders. Major trends and challenges for policy creators are examined.

Offered at Providence

3 Semester Credits

# Academic Information

This section of the catalog contains important information about the academic requirements and policies of Johnson & Wales University, as well as additional educational components including experiential education, study abroad opportunities and available honors programs.

## Class Schedules

The course schedule is published before registration begins each semester. The course schedule includes course meeting days and times, seat capacity, course prerequisites, textbook information and additional information for courses meeting the search criteria.

If a class session is missed due to inclement weather, no make-up date is scheduled but instructors are expected to post course content and assignments for students in lieu of the missed class session. This applies for both graduate and undergraduate courses.

Please note that students enrolled in courses at the university may be required to participate in online discussion forums, student-to-student collaborations and student presentations with other students as part of course requirements.

**Undergraduate courses:** Courses are generally scheduled Monday through Thursday. Courses will be delivered over 16 weeks. Most undergraduate day program classes will meet twice per week, each over a 75-minute class period.

Academic Classes — MW or TR	Culinary / Baking Labs — 15 class meetings — MW or TR	Science Labs / Design Studios
8–9:15am	7am–1pm	Double class periods
9:30–10:45am	1:45–7:45pm	
11am–12:15pm		
12:30–1:45pm	Culinary / Baking Labs — 15 class meetings — MTWR	
2–3:15pm	7am–1pm	
3:30–4:45pm	1:45–7:45pm	
5–6:15pm		
6:30–7:45pm (as needed)		

**Graduate courses:** Master's level courses are delivered over 8 or 16 weeks, in standard and hybrid formats. The majority of courses will be offered in the evening from 6–8:45pm. While graduate class schedules vary by program, the course schedule reflects specific meeting days and times for all courses.

### Course Delivery Methods

#### On-Campus In-Person

A course organized around scheduled meeting days and times and that takes place entirely on campus in the location(s) listed on the course schedule available through [jwuLink](#).

- Courses may use educational technology such as Blackboard and other digital tools for class activities, communications, and assignments completed outside of the scheduled times spent on campus in the face-to-face classroom.

**Course Search Campus Code:** Providence DOWncity, Providence Harborside or Charlotte

#### Hybrid: On Campus & Online (HYBRD)

A hybrid course is offered principally through face-to-face instruction in a classroom setting for more than 50% of the class meeting times for any given semester. In-class sessions must include the first and the last class of the semester (which might be the final exam).

- On campus and online synchronous course components are organized around scheduled meeting days and times listed on the course schedule available through [jwuLink](#).
- Assignment of a day and time, but not a location, indicates that a course or section of a course takes place online synchronously.

- Assignment of a building and room number, in addition to the day and time, indicates on the schedule of classes will take place entirely on-campus and in-person.
- Assignment of a days, no times, and no location, indicates that a section of a course takes place online asynchronously.

Course Search Campus Code: Providence DOWncity, Providence Harborside or Charlotte

#### Online Asynchronous

A fully online course with no required-on campus activities or any mandatory face-to-face class sessions; thus, no meeting days or times will be listed on the course schedule available through [jwuLink](#).

- All course activity, including assessments (which may include proctored exams), is done online.
- Students access the course when it's convenient for them while still meeting deadlines posted in the syllabus.
- Online asynchronous courses will use Blackboard and other digital tools for class activities including lecture delivery, assignments, and exams, as well as all class communications.

Course Search Campus Code: Online

#### Online At Set Times - Synchronous

Virtual courses are online synchronously delivered courses, with no face-to-face class meetings. Students have the same frequency of direct interaction with faculty and other students during regularly scheduled day/class periods as in-person courses.

Students are expected to attend synchronous sessions in the same way they are expected to attend face-to-face courses. Coursework will be handled through videoconferencing tools such as Zoom or Blackboard Collaborate, with synchronous sessions enhanced by various education technology tools. All assignments are administered and turned in through [ulearn](#). Students will have access in [ulearn](#) to course materials that support faculty-delivered content along with other course materials such as videos and links that enrich the subject.

- Classrooms will not be assigned for these courses.
- Scheduled course activities may include weekly lectures and discussions.
- All assignments are administered and turned in through [ulearn](#).

Instructors may also offer online office hours and review sessions as indicated in the syllabus or course announcements.

Online synchronous courses will require students to join class sessions remotely and in real-time utilizing video conferencing technologies such as Zoom or Blackboard Collaborate.

Course Search Campus Code: Off Campus | Virtual Delivery

#### Off-Campus Experience

A course that takes place off the JWU campus. Examples of off-campus experiences could include study abroad, student teaching, internships, practicums, or clinical experiences.

Course Search Campus Code: Off Campus | Virtual Delivery

## Academic Policies

This section of the catalog contains important information about academic policies, grading systems and other academic requirements.

Not all university policies and procedures affecting students are described in this catalog. For further information, please refer to the Student Handbook.

## Academic Records Retention Policy

Student Academic Services maintains a permanent academic record for all students who enroll; the records and supporting documents are maintained based off of the university record retention policy. Support documents for the academic records are kept for a minimum of three (3) years after the student graduates or date of last enrollment. After three years, it is assumed that the student accepts the accuracy of his/her records each semester. Discrepancies in the academic record should be reported to the University Registrar immediately. When a degree has been certified by the Student Academic Services a student's academic record may not be altered except in

those cases where a procedural or clerical error has occurred. However, if the student or the University learns facts that were not known or would not have reasonably been known within the three-year period, the academic record may be altered and/or the degree may be revoked.

## Academic Standing

A student's academic standing is based on grade point average (GPA) in conjunction with total attempted credits (including transfer credits) and is evaluated after the completion of each semester of enrollment. Academic standing standards differ by program of study. Please refer to the academic standing charts below for specific requirements.

Students who meet the following criteria are considered to be in good academic standing:

- Undergraduate students need a minimum GPA of 2.0.
- Accelerated Bachelor of Science in Nursing students need a minimum GPA of 3.0 and must earn grades of B/80 or higher in each course. In addition, students are only allowed to repeat one class during their time in the program. A single course failure in the first semester will **not** result in dismissal. However, if a student fails to meet the minimum grading standard require in any two courses, whether it is in a single semester or different semesters, they will meet dismissal.
- Graduate students need a minimum GPA of 3.0.
- Doctor of Business Administration and Occupational Therapy Doctorate students need a minimum GPA of 3.0. In addition, students must earn grades of B- or higher in each course. No classes may be repeated.
- Doctor of Education students need a minimum GPA of 3.25 and students must earn grades of B- or higher in each course. No classes may be repeated.
- Combined bachelor/graduate program students need a minimum GPA of 3.0 in graduate-level coursework.
- M.A.T. students must keep a cumulative program GPA of 3.0 and cannot fail any class. There is only one semester of academic probation allowed within the program, and a minimum program GPA of 3.0 must be attained/maintained in order to enroll in student teaching coursework in the second year of the program.

According to the following standards, students who do not satisfy good academic standing requirements will be placed on academic probation or dismissed.

### Academic Standing Standards: Undergraduate Day and Online Programs (including English as a Second Language)

#### First-Semester Students

Status at Start of Semester	Total Credit Hours Attempted	Cumulative GPA	Status after Semester Completion
Good Standing	0–higher	2.0–4.0	Good Standing
Good Standing	0–higher	0–1.99	Probation 1st Semester

#### Returning Students

Status at Start of Semester	Total Credit Hours Attempted	Cumulative GPA	Status after Semester Completion
Good Standing	0–higher	2.0–4.0	Good Standing
Good Standing	0–18	1.0–1.99	Probation 1st Semester
Good Standing	0–18	0–.99	Academic Dismissal
Good Standing	18.1–36	1.26–1.99	Probation 1st Semester
Good Standing	18.1–36	0–1.25	Academic Dismissal
Good Standing	36.1–higher	1.5–1.99	Probation 1st Semester
Good Standing	36.1–higher	0–1.49	Academic Dismissal
Probation 1st Semester	0–higher	2.0–4.0	Good Standing

Probation 1st Semester	0–18	1.0–1.99	Probation 2nd Semester
Probation 1st Semester	0–18	0–.99	Academic Dismissal
Probation 1st Semester	18.1–36	1.26–1.99	Probation 2nd Semester
Probation 1st Semester	18.1–36	0–1.25	Academic Dismissal
Probation 1st Semester	36.1–higher	1.5–1.99	Probation 2nd Semester
Probation 1st Semester	36.1–higher	0–1.49	Academic Dismissal
Probation 2nd Semester	0–higher	2.0–4.0	Good Standing
Probation 2nd Semester	0–higher	1.0–1.99	Academic Dismissal
Academic Warning	0–higher	2.0–4.0	Good Standing
Academic Warning	0–36	1.25–1.99	Probation 1st Semester
Academic Warning	0–36	0–1.24	Academic Dismissal
Academic Warning	36.1–54	1.5–1.99	Probation 1st Semester
Academic Warning	36.1–54	0–1.49	Academic Dismissal
Academic Warning	54.1–72	1.75–1.99	Probation 1st Semester
Academic Warning	54.1–72	0–1.74	Academic Dismissal
Academic Warning	72.1–higher	0–1.99	Academic Dismissal

### Academic Standing Standards: Physician Assistant Studies

Status at Start of Semester	Total Credit Hours Attempted	Cumulative or Term GPA	Status after Semester Completion
Good Standing	0–higher	3.0–4.0	Good Standing
Good Standing	0–higher	2.0–2.99	Probation
Good Standing	0–higher	0–1.99	Academic Dismissal
Probation	0–higher	3.0–4.0	Good Standing
Probation	0–higher	0–2.99	Academic Dismissal
Academic Warning	0–higher	3.0–4.0	Good Standing
Academic Warning	0–higher	0–2.99	Academic Dismissal

Note: For course grades below C, students may be dismissed, decelerated to the next cohort, and/or delayed in graduation.

### Academic Standing Standards: Graduate Programs (Combined bachelor/graduate program students must meet these standards for the graduate-level coursework for which they are enrolled.)

Status at Start of Semester	Total Credit Hours Attempted	Cumulative GPA	Status after Semester Completion
Good Standing	0–higher	3.0–4.0	Good Standing
Good Standing	0–higher	2.0–2.99	Probation 1st Semester
Good Standing	0–higher	0–1.99	Academic Dismissal
Probation 1st Semester	0–higher	3.0–4.0	Good Standing
Probation 1st Semester	0–higher	2.0–2.99	Probation 2nd Semester



Probation 1st Semester	0–higher	0–1.99	Academic Dismissal
Probation 2nd Semester	0–higher	3.0–4.0	Good Standing
Probation 2nd Semester	0–higher	0–2.99	Academic Dismissal
Academic Warning	0–higher	3.0–4.0	Good Standing
Academic Warning	0–higher	0–2.99	Academic Dismissal

**Academic Standing Standards:  
Doctor of Business Administration  
Occupational Therapy Doctorate**

Status at Start of Semester	Total Credit Hours Attempted	Cumulative GPA	Status after Semester Completion
Good Standing	0–higher	3.0–4.0	Good Standing
Good Standing	0–higher	0–2.99	Academic Dismissal

Note: Students will be dismissed if their GPA is less than 3.00, or when they earn a grade lower than B- in any course. No classes may be repeated.

**Academic Standing Standards:  
Doctor of Education**

Status at Start of Semester	Total Credit Hours Attempted	Cumulative GPA	Status after Semester Completion
Good Standing	0–higher	3.25–4.0	Good Standing
Good Standing	0–higher	0–3.24	Academic Dismissal

Note: Students will be dismissed if their GPA is less than 3.25, or when they earn less than a B- in any course. No classes may be repeated.

**Academic Recovery**

Academic Recovery is a collaborative process between the student and their assigned advisor/academic advisor to explore and address the circumstances that may have led to their probation status. Students not in good academic standing will not be able to register until they have met with their assigned academic advisor. At this meeting, the academic recovery plan will be reviewed. An academic agreement outlining the grades needed to return to good academic standing will also be developed and the schedule hold will be removed. Students are urged to make an appointment with their assigned academic advisor at the beginning of their probation semester.

Academic probation may affect a student’s ability graduate. Graduate program students and Accelerated Master’s Program students are allowed a maximum of two semesters on academic probation.

First-semester undergraduate students earning a cumulative GPA less than 1.0 are strongly encouraged to work with an academic success coach and attend tutoring in identified content areas.

**Academic Dismissal and Appeal Process**

Academically dismissed undergraduate and graduate students may no longer matriculate at the university for at least one semester and are expected to work on academic deficiencies. The summer is an optional semester and is not counted as a semester off. To return to the university, students must petition the Academic Appeals Committee, providing a letter of intent and documentation of academic improvement. The committee will also consider appeals that document mitigating circumstances. Students may only appeal dismissal once and the decision of the committee is final.

**Undergraduate Student Requirements\***

- Take one semester off from Johnson & Wales University.
- Take a minimum of two non-remedial classes at an accredited college or university within the same semester. Students must earn a minimum GPA of 2.50 and at a minimum, only one grade of C (70) in one class is permitted.
- All students should discuss this process and semester-specific deadlines with their assigned academic advisor.

- Submit their official transcript.
- Submit a written statement about the circumstances of the dismissal and their plan for academic success if approved to return to Johnson & Wales University.

\*Students in programs with specialized policy will be subject to the appeals process as outlined in the program’s handbook.

**Graduate Student Requirements**

- To return to the university, students may petition the Academic Appeals Committee after taking at least one semester off from Johnson & Wales University.
- Students should provide a letter of intent and documentation of academic improvement.
- All students should discuss this process and semester-specific deadlines with their assigned academic advisor.
- The Academic Appeals Committee meets once per semester to review all graduate-level appeals.

**Doctoral Student Requirements**

- To return to the university, students must petition the appropriate doctoral program director, through the written appeals process.
- Individuals who have been dismissed from a doctoral program for poor academic performance or progress may appeal the dismissal decision to the appropriate doctoral program director.
- A written appeal of academic dismissal must be submitted to the doctoral program director in writing no later than 30 days after the date of the notice of dismissal. The letter of appeal should include a) the basis for the appeal; b) a summary of discussions, if any, between the student and representatives of the student’s program such as the student’s major advisor and/or the student’s doctoral program director; and c) outcome or remedy proposed by the student. The letter may include additional or new relevant information. The doctoral program director will communicate with the dean of the appropriate college by transmitting the student’s letter of appeal.
- **Grounds:** The following are grounds for appeal: 1) incorrect calculation of grade point average; 2) misapplication of standards for academic performance and satisfactory progress by the appropriate college; 3) circumstances which had not been known which might be relevant to the dismissal.
- **Disposition:** The dean of the appropriate college may 1) act on the appeal, 2) appoint a designee to collect additional information for the dean, or 3) constitute a three-person ad hoc review committee from the college. The purpose of the ad hoc committee is to provide an opinion and recommendation to the dean regarding the appeal. The ad hoc committee will review all materials and communications related to the case. Additional information may be requested.
- The dean will inform the student and the doctoral program director in writing of the method of disposition of the appeal. If a dean’s designee is appointed, the student and the doctoral program director will be informed of the name and contact information for the dean’s designee.
- The dean’s decision with respect to a student’s appeal shall be final. The student and the doctoral program director will be informed in writing of the dean’s decision.

**Academic Warning**

Students who are reinstated into the university will be placed on Academic Warning. These students risk permanent dismissal from the university if they are unable to meet academic standing guidelines. The warning designation is sometimes used to override academic standing decisions at the end of the semester due to mitigating circumstances.

These undergraduate students will be allowed to register for a maximum of 15 credits. In addition, these students may be required to attend academic success coaching and tutoring in identified content areas. Failure to complete these requirements may result in immediate dismissal.

**Attendance**

The purpose of the university’s attendance policy is to help students develop a self-directed, professional attitude toward their studies and to maximize their educational opportunities. Regular class attendance provides

fundamental educational value and offers the most effective means to gain command of the course concepts and materials.

Students are expected to attend all classes, arrive on time and remain for the entire class period, and report to class fully prepared with all required materials. To meet these expectations, students must arrange course schedules that minimize conflicts with other commitments, including personal commitments, work or participation in athletics or other university-sanctioned events. When students encounter difficulty meeting these requirements, they must actively engage their faculty member to discuss the concern.

Individual faculty define the specific role that class attendance plays in the calculation of final grades for each course. Additionally, excessive absences in certain courses may result in withdrawal from the course at the instructor's discretion. Students should consult the course syllabus and course instructor for specific faculty policies on attendance and make-up work within a course.

Students are expected to familiarize themselves with attendance requirements outlined in the Student Handbook.

## Credits and Grades

### Definition of Credit Hour

As of July 1, 2011, federal law (Title 34, Code of Federal Regulations, sections 600.2 and 600.4) requires all accredited institutions to comply with the federal definition of the credit hour. Accordingly, for all Johnson & Wales University degree programs and courses bearing academic credit, the "credit hour" is defined as "the amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

1. one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately 15 weeks for one semester or the equivalent amount of work over a different amount of time; or
2. at least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution, including laboratory work, internships, practice, studio work, and other academic work leading to the award of credit hours."

A credit hour is assumed to be a 50-minute period. In courses in which "seat time" does not apply, a credit hour may be measured by an equivalent amount of work, as demonstrated by student achievement.

Please see the appropriate section to review the respective grading system.

## Undergraduate

### Undergraduate Grading System

The grading system is as follows:

Grade Range	Letter Grade	Quality Points
95–100	A+	4.00
90–94	A	4.00
85–89	B+	3.50
80–84	B	3.00
75–79	C+	2.50
70–74	C	2.00
65–69	D+	1.50
60–64	D	1.00
0–59	F	0.00
Audit	AU	
Challenge Exam Credit	CX	
Grade Pending	GP	
Incomplete	I	
No Credit	NC	
No Grade	NG	
Pass	P	
Prior Learning Assessment	PL	
Satisfactory	S	
Unsatisfactory	U	
Withdrawal	W	

Note: Not all grades are used by all colleges.

### Honors Option (H)

If a course was taken as an Honors Program requirement, the grade received will be followed by H (e.g., AH, BH).

### Failure (F) #

A grade of F is issued if a student fails to achieve adequate scholastic progress. The grade is recorded permanently on the student's academic record. Upon successful completion of the course at a later date, the semester and cumulative grade point averages are adjusted to reflect only the passing grade. However, both grades will appear on the academic transcript.

### Audit (AU)

A grade of AU is issued when no academic credit is granted. This grade does not count in attempted and earned hours and is not calculated into the semester and cumulative grade point averages.

### Challenge Exam (CX)

A grade of CX is granted for specifically designated courses upon successful completion of department challenge exams. This grade is not calculated into the semester and cumulative grade point averages.

### Grade Pending (GP) #

This is a temporary mark given when the completion of course requirements is still underway. A GP is not calculated into the semester and cumulative grade point averages and is generally used under extreme, extenuating circumstances. Students who do not satisfy the instructor's requirements for the completion of outstanding work will not have a grade change submitted and the grade will automatically be updated to an F.

### Incomplete (I) #

A grade of I is issued to students if they are unable to complete course requirements because of authorized absences. Outstanding work must be completed within five weeks of the final exam class day or the grade will automatically become an F and be included in the semester and cumulative grade point averages. For classes graded S/U (Satisfactory/Unsatisfactory), an Incomplete (I) will change to a U.

### No Credit (NC) #

This is a non-punitive designation issued to a student who has been authorized to withdraw from class, or the university, due to extenuating circumstances. This grade is not calculated into the semester and cumulative grade point averages.

### No Grade (NG) #

A grade of NG is issued temporarily when there is no grade provided by the faculty member. This grade is not factored into the student's GPA. Once a grade is submitted, the cumulative average and transcript will reflect only the new grade. If a grade is not submitted to replace the NG within one year, it will automatically become an F and the grade will be included in the semester and cumulative grade point averages.

### Pass (P)

In courses taken on a pass/fail basis, a pass letter grade is issued when a student has achieved the equivalent to a 60% or higher (standard letter grade of D). This grade is not calculated into the semester and cumulative grade point average.

### Prior Learning (PL)

Students may earn credit for the knowledge or skills they have mastered outside the classroom through volunteer work, employment, travel, professional training and seminars, or other comparable sources. This grade is not calculated into the semester and cumulative grade point averages.

### Satisfactory (S)

A grade of S is used for designated courses throughout the university. This grade is not calculated into the semester and cumulative grade point averages.

### Unsatisfactory (U) #

A grade of U is used for designated courses throughout the university. These grades are not calculated into the semester and cumulative grade point averages.

## Withdrawal (W) #

To record attempted credits, a grade of W is recorded when a student withdraws from a registered course after its add/drop period has ended or is withdrawn from a culinary/baking & pastry laboratory course or a course with an experiential education component due to excessive absences. This grade is not calculated into the semester and cumulative grade point averages.

# These grades will be counted as attempted but not earned credits for the purposes of determining satisfactory academic progress.

## Graduate

### Graduate Grading System

The grading system is as follows:

Grade Range	Letter Grade	Quality Points
97–100	A+	4.00
93–96	A	4.00
90–92	A-	3.70
87–89	B+	3.30
83–86	B	3.00
80–82	B-	2.70
77–79	C+	2.30
73–76	C	2.00
70–72	C-	1.70
0–69	F	0.00
Audit	AU	
Grade Pending	GP	
Incomplete	I	
No Credit	NC	
No Grade	NG	
Satisfactory	S	
Unsatisfactory	U	
Withdrawal	W	

Note: Not all grades are used by all colleges.

Any courses taken at the undergraduate level to satisfy foundation requirements follow the undergraduate grading system and will not be counted in the graduate-level grade point average (GPA).

## Failure (F) #

A grade of F is issued if a student fails to achieve adequate scholastic progress. The grade is recorded permanently on the student's academic record. Upon successful completion of the course at a later date, the semester and cumulative grade point averages are adjusted to reflect only the passing grade. However, both grades will appear on the academic transcript.

## Audit (AU)

A grade of AU is issued when no academic credit is granted. This grade does not count in attempted and earned hours and is not calculated into the semester and cumulative grade point averages.

## Grade Pending (GP) #

This is a temporary mark given when the completion of course requirements is still underway. A GP is not calculated into the semester and cumulative grade point averages and is generally used under extreme, extenuating circumstances. Students who do not satisfy the instructor's requirements for the completion of outstanding work will not have a grade change submitted and the grade will automatically be updated to an F.

## Incomplete (I) #

A grade of I is issued to students if they are unable to complete course requirements because of authorized absences. Outstanding work must be completed within five weeks of the final exam class day or the grade will automatically become an F and will be included in the semester and cumulative grade point averages. For classes graded S/U (Satisfactory/Unsatisfactory), an I will change to a U.

## No Credit (NC) #

This is a non-punitive designation issued to a student who has been authorized to withdraw from class, or the university, due to extenuating

circumstances. This grade is not calculated into the semester and cumulative grade point averages.

## No Grade (NG) #

A grade of NG is issued temporarily when there is no grade provided by the faculty member. This grade is not factored into the student's GPA. Once a grade is submitted, the cumulative average and transcript will reflect only the new grade. If a grade is not submitted to replace the NG within one year, it will automatically become an F and the grade will be included in the semester and cumulative grade point average.

## Satisfactory (S)

A grade of S is used for designated courses throughout the university. These grades are not calculated into the semester and cumulative grade point averages.

## Unsatisfactory (U) #

A grade of U is used for designated courses throughout the university. These grades are not calculated into the semester and cumulative grade point averages.

## Withdrawal (W) #

To record attempted credits, a grade of W is recorded when a student withdraws from a registered course after its add/drop period has ended or is withdrawn from a culinary/baking & pastry laboratory course or a course with an experiential education component due to excessive absences. This grade is not calculated into the semester and cumulative grade point averages.

# These grades will be counted as attempted but not earned credits for the purposes of determining satisfactory academic progress.

## Full-time Status

For the purposes of financial aid and verification of enrollment, a student is considered enrolled in semester courses by the census date if they are in attendance by the end of the add/drop period: for College of Food Innovation & Technology (laboratory courses) by Thursday of week 1 and for all academic courses by Thursday of week 2. For online courses, a student is considered enrolled by the census date if they complete the first stated assignment or activity by the due date.

If students do not meet these criteria, they will be withdrawn without academic penalty from the course (i.e., as never attended) and, when appropriate, issued a tuition adjustment in accordance with the Tuition and Fees Credit Policy.

Certification of full-, three-quarter-, half- or less-than-half-time enrollment status for loan deferment, medical insurance, etc. is based on hours of enrollment in a semester as of the census date. Listed below are the requirements that constitute full-time student status for official enrollment certification purposes and for financial assistance.

Status	Undergraduate	Graduate	Post Graduate
Full time	12 or more	9 or more	12 or more
Three-quarter time	9–11.99	N/A	N/A
Half time	6–8.99	4.5–8.99	6–11.99
Less-than-half time	0–5.99	0–4.49	0–5.99

Students should realize that in order to receive maximum financial aid they must maintain full-time status. Additionally, insurance companies and scholarship foundations frequently require students to maintain full-time status.

If a student who is receiving veteran's benefits or participating in athletics receives a grade of W or NC in a course, that course will not count toward full-time status.

Note: Undergraduate students must maintain a minimum of 6.0 credits each semester for purposes of financial aid, with the only exception being the Federal Pell Grant.

## Readmittance

If a student has previously attended the university, a Readmittance Application is only required if the student's absence from the university is more than three consecutive semesters (including summer).

Readmittance Applications will be processed during the following dates. Deadlines to submit by semester may be found on the appropriate Readmittance Application Form and are as listed here:

Please note that online programs accept applications beyond these deadlines for students admitting for the second session of each semester.

- Summer Semester: Applications will be reviewed and processed starting February 1 with a deadline for submission of April 1
- Fall Semester: Applications will be reviewed and processed starting March 1 with a deadline for submission of August 1
- Spring Semester: Applications will be reviewed and processed starting September 23 with a deadline for submission of December 1

Once the university receives the application, the student will be sent an email to the email address provided on the form requesting acknowledgement of their readmit intentions. Students must reply with their confirmation within 30 days or by the deadline listed above (whichever comes first). Failure to do so will result in the application being voided.

Students approved for readmittance will be assessed the current tuition rate and are responsible for any changes to their program of study that may have occurred during their period of absence. **If the break in enrollment exceeds one year, the student's program of study will follow the requirements listed in the current year catalog.** A review of previously awarded transfer credit will also be conducted and may be adjusted. Students are responsible for reviewing additional readmittance criteria.

### Readmission of Service Members

The university complies with Readmission Requirements for Service Members as outlined in the Higher Education Opportunity Act (HEOA). The HEOA provides that an institution may not deny readmission to a service member of the uniformed services for reasons relating to that service. In addition, a student who is readmitted under this section must be readmitted with the same academic status the student had when they last attended the institution. Academic status is defined by a student's grade level and whether or not the student was in a degree/certificate or non-degree/certificate program at the time of separation.

A returning service member will be permitted to re-enroll in the next class(es) scheduled in the same academic program, unless the student requests a later date of re-enrollment or agrees to a different program. The student will be readmitted into the same academic program the student was enrolled in prior to the military service obligation. If the exact program no longer exists, the student must be admitted to the program that is most similar, unless the student requests or agrees to admission to a different program. Returning service members will be re-enrolled with the same enrollment status, number of completed credit hours and academic standing as the last academic year of attendance.

If the university determines that a returning service member is not prepared to resume the program or is unable to complete the program, the university must make reasonable efforts to enable the student to resume or complete the program at no additional cost to the student. If such efforts are unsuccessful or place an undue hardship on the university, the university is not required to readmit the student.

In accordance with federal regulations, service members who receive a dishonorable or bad conduct discharge from the Armed Forces (including the National Guard and Reserves) are not eligible for readmission under this policy. However, service members who receive dishonorable or bad conduct discharge may remain eligible for readmission even though they will not be entitled to the benefits outlined in this policy.

The returning student may be required to provide supporting documentation.

The Readmittance Application Forms for On-campus and Online students can be found on the Student Academic Services forms website.

This policy applies to service in the uniformed services, whether voluntary or involuntary, on active duty in the Armed Forces, including service as a member of the National Guard or Reserve, for a period of more than 30 days

under a call or order to active duty of more than 30 days. The university will readmit such a student as long as the following conditions are met:

- The student gives advance notice (written or verbal) of the call to active duty or, upon seeking readmission, submits a written verification that such service was performed, requiring their absence.
- The absence from school for active duty does not exceed five years.
- The student submits a notification of intent to re-enroll within three years after the completion of service or within two years after recovery from an illness or injury incurred during the service.
- The separation from service was not dishonorable.

### Tuition and Fees for Returning Service Members

A returning service member that meets the requirements listed above, must be charged the same tuition and fees in effect during the last academic year the student attended, unless veterans' education benefits or other service member education benefits will pay the amount in excess. For subsequent academic years, the returning student may not be charged tuition and fees in excess of what other students in the program are charged.

## Repeat of Courses

When the appropriate course is available, the course may be repeated to earn a better grade. In order for a repeated course to apply to a student's degree, the course must be repeated prior to their last semester of enrollment. Students who have met the degree requirements for their program of study but chose to repeat a course in a subsequent semester will automatically be enrolled as an extension student in the subsequent semester and will be ineligible for financial aid.

Upon successful completion of the course at a later date, the cumulative grade point average (GPA) is adjusted to reflect the highest grade earned.\* However, each grade earned will appear on the academic transcript and count toward attempted credits. Students are required to pay any applicable tuition charges for all repeated coursework. Students are eligible for financial aid for only one repetition of a previously passed course.\*\*

\* A W grade issued prior to June 2017 will still be included in the student's GPA after the same course is successfully completed.

\*\* When a student has repeated a course previously applied to an awarded degree, each grade earned will be included in the cumulative point average.

**The above policy is not applicable to English as a Second Language (ESL) courses.**

### Course Deficiency

A course deficiency occurs when a student fails to complete a non-English as a Second Language course with a satisfactory grade, either by failing the course or by receiving a grade that does not meet the minimum required by the student's program. Academic warning, probation and dismissal are not determined from one course but by the cumulative GPA.

Students who fail a course after a second attempt should meet with their assigned academic advisor. Students can locate their assigned academic advisor information in their Success Network in uSucceed (accessed through jwuLink). Academic advisors will review the following options with the student:

- Consider a change of program.
- Repeat the same course, which will result in only the highest grade earned being calculated in the cumulative average.
- Student may be advised to take a pre-approved course at another institution outside Johnson & Wales University. The original grade will remain on the student's transcript, but will be excluded from the cumulative average.

Students opting to repeat the course will be encouraged to attend content tutoring. Visit the Academic Success Center (p. 381) for information on tutoring services.

### English as a Second Language Courses

Students enrolled in ESL courses will be allowed no more than three attempts to successfully complete each course. Students who are unsuccessful after the second attempt of a course will be assigned an academic standing hold, be placed on academic probation and will be required to meet with an academic

advisor. Students who are unsuccessful after the third attempt of a course will be academically dismissed.

## Arts & Sciences Core Experience

Johnson & Wales University is committed to providing its students with the learning necessary for professional and personal success. A Johnson & Wales University education prepares students to become engaged citizens, equipped with the intellectual and practical skills needed to address complex issues in a diverse and dynamic world.

In addition to development of lifelong learning skills, the university's A&S general education core curriculum provides breadth of learning by introducing students to multiple ways of understanding the world through explorations in the natural sciences, social sciences and humanities.

### Sequential Learning

Foundational skills are introduced early on and reinforced throughout the curriculum: oral and written communication, quantitative literacy, critical thinking, ethical reasoning, and integrative learning.

Students build on these foundational skills in many disciplines in the arts and humanities, social sciences and natural sciences as well as in their major courses. All students must fulfill a university graduation requirement for college-level writing proficiency.

### Building Integrative Habits of Mind

An essential component of the A&S Core Experience is the development of integrative learning that requires thinking across boundaries, applying knowledge and skills in new situations, and synthesizing information from various perspectives to explore complex issues or problems. All Johnson & Wales University undergraduates are required to complete two Integrative Learning courses, one at the sophomore level and another in the senior year. These courses approach a big idea or question from the perspective of multiple disciplines. Developing the habit of connected inquiry throughout the four years of their undergraduate experience allows Johnson & Wales University graduates to apply the sort of adaptive, innovative thinking needed for professional success and lifelong learning.

Through the A&S Core Experience, Johnson & Wales University students are expected to:

- Effectively apply oral and written communication strategies appropriate for a particular situation and/or audience.
- Apply logical and quantitative reasoning skills to evaluate authentic situations and develop effective solutions.
- Apply appropriate disciplinary criteria to examine complex issues, make decisions, analyze arguments, conduct credible research, solve problems and create original ideas and/or approaches.
- Apply ethical standards and reasoning to complex issues in personal, academic and professional decisions.
- Demonstrate knowledge of the complexities of human behavior and society. Interpret human behavior from a social science perspective.
- Analyze connections among intellectual and creative expressions in literature, philosophy, history and/or culture to determine what they reveal about the diversity of human experience and perception.
- Demonstrate knowledge and application of the scientific principles that govern the natural world.
- Demonstrate the ability to synthesize and apply knowledge from multiple perspectives to complex issues and real world problems.

Regardless of their majors, all undergraduates are required to complete at least 42 credit hours of general education. Some of these courses may be determined by specific program requirements. The A&S core curriculum requirements are summarized below.

### THE A&S CORE EXPERIENCE

<b>Communications Foundation Courses</b>	<b>9</b>
ENG1020	Rhetoric & Composition I
ENG1021	Rhetoric & Composition II
ENG1030	Communication Skills
<b>Integrative Learning</b>	<b>6</b>
Two ILS courses, one at the 2000 level, one at the 4000 level	
<b>Arts and Humanities – Two courses from ART, HIST, HUM, LIT, PHIL or REL</b>	<b>6</b>
One course required by program	
Additional AH course in a different discipline	

<b>Math – Two courses</b>	<b>6</b>
MATH One course at level of placement, 1002 or higher, minimum set by program	
MATH2001	Statistics I (or other required by program)
<b>Science – At least one course from BIO, CHM, PHY or SCI (may be a program requirement)</b>	<b>3</b>
<b>Social Sciences – Two courses from ANTH, ECON, GEND, LEAD, PSCI, PSYC, RES, SOC</b>	<b>6</b>
One course required by program	
Additional SS course in a different discipline	
<b>A&amp;S Electives</b>	<b>6</b>
Two courses with an EASC attribute. Programs with required A&S credits beyond 42 semester credit hours may designate one or two 3 semester credit courses in general education electives to program-specific general education courses. If only one course is required, the other A&S elective remains as a choice for students.	
<b>Total Credits</b>	<b>42.0</b>

Note: Students must pass MATH0010 Pre-Algebra or have equivalent placement scores to enroll in required math courses.

Note: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS 2000-level courses.

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

NOTE: Students must pass ENG0001 Writing Workshop or have equivalent placement scores to enroll in ILS2000-level courses.

## Academic Events

Attendance at orientation is mandatory for all new students. Summer Orientation is offered to all new incoming full-time undergraduate day students entering Johnson & Wales University in the fall semester. At Summer Orientation, students meet with academic representatives in their chosen college. Students learn about campus resources, network with upper-class student leaders, familiarize themselves with the campus and make new friends. A January orientation program is offered also for all new incoming full-time undergraduate day students entering Johnson & Wales University in the spring semester.

**Commencement** is held at the end of each academic year in May. At these exercises, degree candidates are recognized. Participation in commencement exercises does not imply that graduation requirements are met.

## Accelerated Programs

Please consult a section for more information regarding the different opportunities for accelerated undergraduate to graduate programs offered at Johnson & Wales University.

## Combined Undergraduate-Graduate Programs

### Combined Undergraduate-Graduate Programs

- Combined Degrees: Biology B.S./Public Health M.P.H.
- Combined Degrees: Business Administration B.S.B.A./MBA
- Combined Degrees: Data Analytics B.S./M.S.
- Combined Degrees: Data Analytics B.S./Public Health M.P.H.
- Combined Degrees: Healthcare Administration B.S./Public Health M.P.H.
- Combined Degrees: Health Science B.S./Occupational Therapy O.T.D.
- Combined Degrees: Health Science B.S./Public Health M.P.H.
- Combined Degrees: Psychology B.S./Addiction Counseling M.S.
- Combined Degrees: Psychology B.S./Clinical Mental Health Counseling M.S.
- Combined Degrees: Psychology B.S./Public Health M.P.H.
- Combined Degrees: Public Health B.S./Public Health M.P.H.

## J2 Program

### J2 Program

The JWU J2 program allows qualified students enrolled in a matriculating undergraduate program to take graduate level courses at JWU. Students interested in pursuing this option should meet with their academic advisor to discuss their interest, qualifications, and plans. The undergraduate student may take up to four graduate courses (maximum 12 credits) and are limited to 6 credits a semester and 3 credits per session (Fall Session I and Fall Session II).

The completion of graduate credits to fulfill undergraduate program requirements does not guarantee acceptance into the graduate program after completion of the baccalaureate degree. Matriculating undergraduate students who wish to formally enroll in a graduate program, must fulfill all requirements for entrance (p. 357) into the intended graduate program and complete a graduate program application.

**Note:** Not all graduate courses are included as part of this policy. Courses offered as part of the Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies and doctoral courses are excluded from this policy and are restricted to program majors only. Additional courses and/or programs as determined by individual colleges may also have restricted access.

#### Eligibility Criteria:

To be eligible to enroll in graduate level courses (excludes: Masters of Arts in Teaching, Masters of Education, Masters of Science in Physician Assistant Studies, doctoral courses and other programs as outlined by the colleges).

Undergraduate students must meet the following criteria:

- Undergraduate cumulative GPA of 3.00 or higher
- Completed & registered undergraduate credits at least 90 credits
- Meet the individual course prerequisites

**Appeal to Eligibility Criteria:** College Dean or designee will receive a copy of the Petition Form, Student's GPS and email requesting appeal if the student requests to appeal the GPA or earned/registered credit criteria. College Dean / designee will review and determine approval.

These courses carry graduate credit and will replace undergraduate degree requirements (p. 337) when applicable, traditionally free-electives (maximum of 12 credits). The course will be applied to the undergraduate degree in the order in which they are taken (if required) and will also be applied towards both the students undergraduate and graduate GPA.

Students should maintain enrollment in at least 12 credits of undergraduate coursework to maintain full-time status (p. 333); graduate course enrollment is not calculated into undergraduate full-time status. For students already attending full-time as undergraduates (12 credits or more) and paying the full-time tuition, the graduate credits will be included in full-time tuition fee. Students attending part-time (11 credits or less) will pay the cost per-credit undergraduate tuition for the graduate course.

Course registration will be based on space availability and students enrolled in graduate level courses will be required to maintain good academic standing (p. 330) at the undergraduate and graduate level.

## Articulation Agreements

Please see the Articulation Agreements website for additional information regarding articulation agreements.

### Accelerated B.S. Biology/Pharm. D. (Doctor of Pharmacy) Program

The 3+3 B.S. Biology/Pharm. D. (Doctor of Pharmacy) program allows JWU Biology students who meet specified admissions criteria to earn a bachelor's degree from Johnson & Wales University and a Pharm. D. degree from University of Saint Joseph in six years. Qualified, accepted students may enroll in graduate-level Pharm. D. program classes at University of Saint Joseph School of Pharmacy (Connecticut) during their senior year at JWU, while fulfilling bachelor's degree requirements simultaneously. Priority in admission to the School of Pharmacy at University of Saint Joseph will be given to JWU students applying via the 3+3 B.S. Biology/Pharm. D. program when those applicants have completed the first three years of the Biology B.S. in the dual degree program, satisfied admissions requirements of the Pharm. D. program, and are otherwise competitive with other applicants seeking admission to the Pharm. D. program. University of Saint Joseph pharmacy classes are not considered when determining residency requirements (p. 344). Students

may complete remaining graduate degree requirements in two additional years. Visit Articulation Agreements and select University of Saint Joseph 3+3 Biology-Pharm.D. to view the agreement.

Interested students must contact the College of Arts & Sciences dean's office to declare intent to pursue the 3+3 B.S. Biology/Pharm. D. Program. Pre-health advising is required.

For more information about program requirements, please contact the John Hazen White College of Arts & Sciences dean's office at the Providence Campus.

### Accelerated B.S./J.D. Law Program

The B.S./J.D. Law Program allows JWU students in certain programs who meet specified admissions criteria to earn a bachelor's degree from Johnson & Wales University and a juris doctor degree from one of the participating law schools in six years. Upon completion of their junior year, qualified, accepted students may matriculate at the School of Law to enroll in graduate-level law courses which may serve to fulfill their senior-year program requirements at JWU. First-year law classes are not considered when determining residency requirements (p. 344). Students may complete remaining graduate degree requirements in two additional years. Visit Articulation Agreements and select the desired law school to view the agreements.

Interested students must contact the John Hazen White College of Arts & Sciences dean's office to declare intent to pursue the B.S./J.D. Law Program. JWU students from the Charlotte Campus would require a transfer to the Providence Campus to participate. Pre-law advising is required. Deadlines for submitting the formal application to each of the law schools is contained in the agreement.

For more information about program requirements, please contact the John Hazen White College of Arts & Sciences dean's office at the Providence Campus.

## SHARP

The Special Honors and Rewards Program (SHARP) is designed to allow qualifying **undergraduate day program students** to accelerate the completion of their degree requirements in less than the normally prescribed time. This is accomplished by giving eligible students the ability to register up to 21.0 credits each semester with no additional tuition fees. SHARP offers the potential for students to save time and expenses.

To be eligible for SHARP, the student must have completed at least one semester of classes at JWU and have a cumulative GPA of 3.60 or higher.

- If this criteria is met, the student's maximum allowable registration credits will reflect 21.0 for the next semester.
- If this criteria is not met, the student's maximum allowable registration credits will remain at 18.0.
- If a student is or becomes SHARP-ineligible at the end of a semester, they may become SHARP-eligible any time in the future provided they meet the 3.60 cumulative GPA requirement at the end of a semester.
- Students registered for 21.0 credits who become SHARP-ineligible for the next semester will be notified via their JWU email account. It is the student's responsibility to drop extra credits, if registered, to avoid incurring additional charges.

Students who are SHARP-eligible may utilize this benefit at any time of their choosing (or not at all) and should note the following before proceeding.

1. Accelerating the completion of program requirements may impact future enrollment (e.g., part-time enrollment) and course sequencing.
2. Semester course offerings may not allow or guarantee accelerated program completion.
3. To plan effectively, course projections must be reviewed carefully and students should work closely with their academic counselor/advisor.

## AICU Language Consortium

Johnson & Wales University is a member of the Association of Independent Colleges & Universities (AICU) of Rhode Island. This organization facilitates the AICU Language Consortium, a collaborative program that allows undergraduates enrolled at one of Rhode Island's private institutions of higher education to take language courses at any of the other AICU schools if those courses are unavailable at their home institution. JWU students who wish to study languages, such as Korean or Italian, that are not offered at the

Providence Campus may enroll in courses at member institutions, including Brown University, Providence College and others.

Participation in this program is subject to availability of courses and to grading and transfer credit policies of the AICU partner institution. JWU students need to plan well in advance in order to take a course at another school.

For more information about this language program and how to apply, please contact the John Hazen White College of Arts & Sciences dean's office.

## Course Numbering System

### Numeric Values:

- 0001–0999: Non-credit or institutional credit courses
- 1000–1999: Introductory courses
- 2000–3999: Intermediate courses
- 4000–4999: Advanced courses
- 5000–6999: Graduate courses
- 7000–9999: Doctoral courses

### First Digit:

- 1: First-year level
- 2: Sophomore level
- 3: Junior level
- 4: Senior level
- 5–6: Graduate level
- 7–9: Doctoral level

## Experiential Education & Career Services

Experiential Education & Career Services (EE&CS) supports the university's mission to maximize student potential by further enriching our academic programs with experiential and work-integrated learning. EE&CS achieves this purpose through a team of qualified career professionals by providing expert advising, an array of career services and strategic partnerships with employers, faculty and staff. The goal is to empower students to make effective career choices and identify and pursue internships, secure employment and navigate lifelong career direction.

EE&CS offers a variety of internship programs and career services including a career management course, résumé critiques, mock interviews, career fairs, exposure to industry professionals, on-campus interviews and more. These services assist students in building skills to obtain employment and independently manage their careers.

EE&CS components include

- internship opportunities available in all colleges. Internship is designed to provide eligible students with practical work experience in their chosen field of study while they earn academic credit for the experience
- directed experiential education, which offers students an intensive, project-based experiential learning opportunity conducted under the supervision of a faculty member. Experiences are driven by a specific industry-based or functional-area-based project completed for a nonprofit or for-profit partner.
- one-on-one advising and workshops from career professionals who assist with résumé development, networking skills, mock interviews, virtual interviewing practice software, job search strategies and planning for graduate-level programs
- a career management course for juniors that focuses on building customized résumés for individual job opportunities, developing an online professional profile, and gaining effective interviewing skills
- career planning tools and resources including major-specific résumé examples vetted by industry, virtual interviewing practice software, career-related guidebooks, and career and industry research subscriptions
- online job postings by employers who are looking to hire students for part- and full-time jobs (on and off campus) as well as internships
- networking opportunities with employers and industry professionals representing a broad range of fields, who visit campus each year to participate in on-campus interviewing and recruiting events and serve as guest lecturers and classroom speakers

Note: The Experiential Education & Career Services department does not guarantee employment.

Students are encouraged to contact the office of Experiential Education & Career Services for more details. For locations, hours and contact information, please consult the JWU Directory.

## Graduation Requirements

Please see the appropriate section for information regarding graduation requirements.

### Undergraduate

#### Undergraduate Degree Candidates

Graduation requires successful completion of a prescribed sequence of study and a minimum 2.00 grade point average. Students with a cumulative GPA below 2.00 will not be in compliance with the criteria for good academic standing (p. 330) and may be subject to academic dismissal. Furthermore, as required by their program, all students must successfully complete any and all requirements as indicated on their degree audit.

All associate-level degrees require the completion of a minimum of 60 semester credits. All bachelor's-level degrees require the completion of a minimum of 120 semester credits. While most programs have variations that require slightly more semester credits for completion, no program requires fewer than the 60/120 semester credit minimum.

Additional information regarding graduation requirements can be found in the Student Handbook.

### Graduate

#### Graduate Degree Candidates

Graduation requires successful completion of a prescribed sequence of study and a minimum grade point average of 3.00 (3.25 for Ed.D. candidates). Students with a cumulative GPA below 3.00 (3.25 for Ed.D. candidates) will not be in compliance with the criteria for good academic standing and may be subject to academic dismissal. In addition, Ed.D., DBA and O.T.D. students must not receive a grade lower than B- in any course. No classes may be repeated.

Students are reviewed for graduation when they have completed all requirements in their program of study. Graduation is not recorded until after semester has ended, grades have been received, and the degree audit of each expected graduate has been reviewed. Confirmation of graduation will occur approximately 30 days after final semester grades have been submitted.

Additional information regarding graduation requirements can be found in the Student Handbook.

## Honors

Johnson & Wales University offers many opportunities for high-level scholastic achievement. This section of the catalog contains information for students interested in an academically advanced curriculum (Honors Program), an expedited academic program (SHARP), and academic recognition for high-performing students (Dean's List and Latin Honors).

## Dean's List

Full-time **undergraduate** students who demonstrate academic excellence by achieving a term grade point average (GPA) of at least 3.50 while also earning a minimum of 12 or more GPA/credit hours receive dean's list commendation. Upon processing of approved grade changes, student records will be evaluated for dean's list eligibility. Dean's list notation will appear on the student's academic transcript. Dean's list notation will not appear on the diploma.

Dean's list is not calculated for students enrolled in English as a Second Language programs.

Please see Grade Point Average for information regarding the formula for calculating GPA.

## Honors Program

The Honors Program offers opportunities to academically talented day program students seeking bachelor's degrees to explore challenging and stimulating courses. Students are invited to apply during the Admissions process if they have taken a college prep curriculum, maintained a grade

point average of 3.50 or higher, and placed in the top 20 percent of their high school graduating class.

Students can also apply to the Honors Program after their first semester if they have a 3.6 GPA and a faculty recommendation.

Honors students enroll in honors-designated courses in the Arts & Sciences Core Experience, including smaller, student-centered honors seminars and research courses. The Honors Program culminates in a traditional honors thesis or approved research project. These experiences provide students the opportunity to work closely with some of the university's most dedicated and accomplished faculty, join a community of academically motivated students, and pursue original and individually directed study.

Students who participate in the Honors Program can graduate with one of three Honors designations:

1. Chancellor's Honors Scholar (24 credits of Honors courses including 6 credits of research)
2. President's Honors Scholar (18 credits of Honors courses including 6 credits of research)
3. Provost's Honors Scholar (12 credits of Honors courses including 6 credits of Honors-designated courses at the 2000-level or higher and 6 credits of research)

A 3.6 GPA or higher is required to graduate with an Honors Scholar distinction.

Further information about Honors Program curriculum, advising and policies is available at the Honors Program website.

### Transfer Students

Transfer students may enter the Honors Program in their first semester by providing documentation of Honors Program enrollment at their former institution and a GPA of 3.5 or higher at the time of their acceptance to Johnson & Wales University.

Contact the Honors Program director on your campus for application details.

## Latin Honors

Eligible **undergraduate** degree candidates receive cum laude, magna cum laude and summa cum laude recognition based on their graduating overall grade point average. Students with the designated graduating GPA are eligible to receive honors as follows: cum laude, 3.50–3.69; magna cum laude, 3.70–3.89; and summa cum laude, 3.90–4.00.

For publication purposes in the commencement program, the honors status of students completing remaining course requirements in or following the spring semester is determined by the cumulative GPA at the **end of the fall semester** of the previous year. A student's final GPA will be used to record graduating honors, as applicable on the student's diploma and academic transcript.

Please see Grade Point Average for information regarding the formula for calculating GPA.

## Licensure & Professional Certification Disclosures

Each state and territory has different professional licensure and certification requirements. Below, we disclose only whether our programs meet the educational components of licensure or certification requirements, except as otherwise noted. Other licensure or certification requirements may include professional examinations, background checks, years of work experience, fingerprinting requirements, etc.; our determinations do not address that, except as otherwise noted. Students who are considering an academic program that may allow them to pursue professional licensure or certification in their state or territory are strongly encouraged to check their state's information and contact the appropriate agency or board to seek information and additional guidance before beginning a program outside of their state.

Licensure and certification information is reviewed and updated in March of each year. Students who plan to pursue licensure or certification should be aware that state and territory licensure and certification requirements are subject to changes. While a program may originally meet the educational requirements for licensure or certification, changes in requirements could impact the program's ability to meet any new educational requirements.

Students should always check with their state agency or board to confirm licensure and certification requirements.

### Student Location Policy and Relocation During Program

JWU defines location for all students as their permanent home address. Students are required to verify their permanent address every 120 days and are responsible for updating their permanent home address so that the information is correct and current at all times of enrollment. Students can update their permanent address any time via [jwuLink](#). For students who fail to update their permanent address, the university will use the last address on file for such students to determine location.

Prospective and current students should keep in mind that licensing and certification requirements vary by state and that relocating during the course of a program to another state could impact whether that student can meet the eligibility requirements of that state. If students are considering relocating, they should contact their program director/department chair or the Office of the Provost to check for licensure and certification eligibility requirements.

### The information below demonstrate the university's determinations as of February 20, 2024, for programs that may lead to licensure or certification.

**NOTE:** The programs identified herein are designed to prepare students for licensure, certification or employment only in the home state from which they are offered (Rhode Island or North Carolina, as the case may be, or Massachusetts, in the case of the B.S. in Equine Business Management/Riding; B.S. Equine Studies\*). That notwithstanding, JWU has made the determinations required by the U.S. Department of Education regarding compliance with the educational requirements of other states and territories, as listed here.

### Licensure by College

#### John Hazen White College of Arts & Sciences

##### 1. B.S. Equine Business Management/Riding; B.S. Equine Studies\* - Providence Campus

Program Meets Educational Components of Licensure or Certification Requirements	Program Does Not Meet Educational Components of Licensure or Certification Requirements	No Determination Has Been Made	Not Applicable (Professional Licensure or Certification Not Required at this Time)
MA*			All states and territories (with the exception of MA*)

##### 2. M.A.T. Master of Arts in Teaching\*\* - Providence Campus

Program Meets Educational Components of Licensure or Certification Requirements	Program Does Not Meet Educational Components of Licensure or Certification Requirements	No Determination Has Been Made	Not Applicable (Professional Licensure or Certification Not Required at this Time)
RI**			All states and territories (with the exception of RI)**

##### 3. M.S. Addiction Counseling - Providence Campus

Program Meets Educational Components of Licensure or Certification Requirements	Program Does Not Meet Educational Components of Licensure or Certification Requirements	No Determination Has Been Made	Not Applicable (Professional Licensure or Certification Not Required at this Time)



AL, AK, CO, CT, DE, DC, GA, HI, IL, IN, IA, KS, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, ND, MP, OK, OR, PA, PR, RI, SC, SD, TN, TX, VT, VA, VI, WA, WV, WI, WY	AZ, AR, CA, FL, GU, ID, KY, NC, OH, UT	AS, MH, PW	FM
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**4. M.S. Clinical Mental Health Counseling - Providence Campus**

Program Meets Educational Components of Licensure or Certification Requirements	Program Does Not Meet Educational Components of Licensure or Certification Requirements	No Determination Has Been Made	Not Applicable (Professional Licensure or Certification Not Required at this Time)
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AL, AK, CO, CT, DE, DC, GA, HI, IL, IN, IA, KS, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, ND, MP, OK, OR, PA, PR, RI, SC, SD, TN, TX, VT, VA, VI, WA, WV, WI, WY	AZ, AR, CA, FL, GU, ID, KY, NC, OH, UT	AS, MH, PW	FM
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\* B.S. Equine Business Management/Riding program prepares students to take the Massachusetts Riding Instructor's License Exam. JWU is no longer accepting applications to the B.S. Equine Business Management/Riding program as of the Fall 2023 semester start. Beginning Fall 2023, the degree program offering this licensure certification will be B.S. Equine Studies.

\*\* JWU's M.A.T. program is accredited as an Educator Preparation Program by the Rhode Island Department of Education. Rhode Island is a member of the National Association of State Directors of Teacher Education and Certification (NASDTEC). Candidates who complete Rhode Island Approved Educator Preparation Programs are eligible for certification in Rhode Island and are eligible for certification in other states through reciprocity based upon agreements in the Interstate Certification Agreement with NASDTEC. Individual states retain the right to have additional requirements, usually in the form of a state-specific teacher exam. Students should check with a state's Department of Education to determine specific certification requirements prior to applying.

**College of Health & Wellness**

**1. M.S. Clinical Nutrition & Dietetics - Providence Campus**

Program Meets Educational Components of Licensure or Certification Requirements	Program Does Not Meet Educational Components of Licensure or Certification Requirements	No Determination Has Been Made	Not Applicable (Professional Licensure or Certification Not Required at this Time)
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AL, AK, AR, CT, DE, DC, FL, GA, GU, HI, ID, IL, IN, IA, KA, KY, LA, ME, MD, MA, MN, MS, MO, MT, NE, NV, NH, NM, NY, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, WA, WV, WI, WY	AS, MH, PW, VI, PR	AZ, CA, CO, FM, MI, MP, NJ, VA	
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**2. Accelerated B.S. Nursing (ABSN) - Providence and Charlotte Campuses**

Program Meets Educational Components of Licensure or Certification Requirements	Program Does Not Meet Educational Components of Licensure or Certification Requirements	No Determination Has Been Made	Not Applicable (Professional Licensure or Certification Not Required at this Time)
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AR, AZ, CT, DE, FM, GA, GU, HI, ID, IN, IA, KS, KY, ME, MI, MN, MO, MT, MP, NE, NJ, NM, NC, ND, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, VT, VA, WA, WI, WY	AL, AK, CA, CO, DC, AS, PW, PR	FL, IL, LA, MH, MD, MA, MS, NH, NV, UT, VI, WV	
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**3. M.S.P.A.S. Physician Assistant Studies (Accredited by ARC-PA) - Providence Campus**

Program Meets Educational Components of Licensure or Certification Requirements	Program Does Not Meet Educational Components of Licensure or Certification Requirements	No Determination Has Been Made	Not Applicable (Professional Licensure or Certification Not Required at this Time)
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AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, GU, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MP, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, VI, WA, WV, WI, WY		AS, MH, PW, PR	FM
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**4. OTD Occupational Therapy Doctorate (Accredited by ACOTE) - Providence Campus**

Program Meets Educational Components of Licensure or Certification Requirements	Program Does Not Meet Educational Components of Licensure or Certification Requirements	No Determination Has Been Made	Not Applicable (Professional Licensure or Certification Not Required at this Time)
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AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, GU, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MP, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY		AS, MH, PW, VI	FM
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**Key Conditions or Additional Requirements for Licensure and Professional Certifications**

We have attempted to summarize, as of February 20, 2024, the key "conditions or additional requirements, including training, experience, or examinations required to obtain the license, certification, or approval for which the program of education is designed to provide preparation." Further, the requirements may be complex and evolving. Our disclosure is accurate as of the date noted but may no longer be accurate as conditions and additional requirements change. We make our updates annually, every March, as a general matter. Therefore, we urge you to go directly to the links we are providing and confirm all conditions or additional requirements with the applicable authorities.

**State of Rhode Island**

**Occupational Therapy License**

**Title 5 - Businesses and Professions - Chapter 40.1 - Occupational Therapy (R.I. Gen. Laws § 5-40.1-8)**

**Occupational Therapists and Occupational Therapy Assistants (216-RICR-40-05-12)**

## State of Rhode Island Department of Health – Occupational Therapy

- Be at least eighteen (18) years of age.
- Be of good moral character.
- Have successfully completed the academic requirements of an education program in occupational therapy accredited by the American Occupational Therapy Association's Accreditation Council for Occupational Therapy Education or other therapy accrediting agency that may be approved by the board;
- Have successfully completed a period of supervised fieldwork experience arranged by the recognized educational institution where he or she met the academic requirements:
  - For an occupational therapist, a minimum of twenty-four (24) weeks of supervised fieldwork experience shall be required;
  - For an occupational therapy assistant, a minimum of twelve (12) weeks shall be required;
- Have successfully passed the National Certification Examination for Occupational Therapists, Registered, or National Certification Examination for Occupational Therapy Assistants, of the National Board for Certification in Occupational Therapy (NBCOT) or other occupational therapy certification examination as approved by the board.
- For U.S. citizens: submit a certified copy of birth record or naturalization papers.
- For non-U.S. citizens: submit documented evidence of alien status, such as immigration papers or resident alien card or any other verifying papers acceptable to the administrator.
- Submit an application for licensure with a non-refundable application fee.

## Physician Assistant License

### Title 5 - Businesses and Professions - Chapter 54 - Physician Assistants (R.I. Gen. Laws § 5-54-9)

#### Licensure of Physician Assistants (216-RICR-40-05-24)

##### State of Rhode Island Department of Health – Physician Assistant

- Graduate from a physician assistant training program certified by the Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) or its successor.
- Have passed the National Commission on Certification of Physician Assistants, or any other national certifying exam approved by the Board.
- Be of good character and reputation.
- Submit a completed application together with the required fee.

## Dietician/Nutritionist License

### Title 5 - Businesses and Professions - Chapter 64 - Dietitian/Nutritionist Act (R.I. Gen. Laws § 5-64-6)

#### Dietitians/Nutritionists (216-RICR-40-05-30)

##### State of Rhode Island Department of Health – Nutrition

- Provide evidence of completion of a baccalaureate or post baccalaureate degree from a U.S. regionally accredited university or college and course work approved by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND).\*
- Provide evidence of completion of a Board approved, planned, continuous experience in dietetics practice of not less than nine hundred (900) hours under the supervision of a registered dietitian or dietitian/nutritionist licensed in the state of Rhode Island; or evidence of completion of an Academy of Nutrition and Dietetics (AND) approved internship of not less than nine hundred (900) hours.
- Provide evidence of having successfully passed the Registration Examination for Dietitians administered by the Commission on Dietetic Registration.
- Submit a completed application together with the required fee.

\*Effective January 1, 2024, graduates of DPD programs must also complete a graduate degree to become a registered dietitian nutritionist (RDN), complete an ACEND-accredited supervised practice program, and pass a national exam. Requirements to become a licensed dietitian nutritionist in most states are generally similar to those required to become a RDN; some states may

interpret their statutes differently. More information about state licensure and certification is available at this link: [State Licensure](#)

## Mental Health Counselor License

### Title 5 - Businesses and Professions - Chapter 63.2 - Mental Health Counselors and Marriage and Family Therapists (R.I. Gen. Laws § 5-63.2-9)

#### Licensing Mental Health Counselors and Marriage and Family Therapists (216-RICR-40-05-11)

##### State of Rhode Island Department of Health – Marriage, Family and Mental Health Therapy

An applicant for licensure shall submit to the Board written evidence on forms furnished by the Department that said applicant has followed an approved pathway for licensure:

- A license as a "clinical mental health counselor associate" shall be issued to an applicant who meets the following qualifications:
  - Has completed the following degree requirements:
    - Has received a master's or higher level degree from a program accredited by CACREP; or an equivalent accrediting agency approved by both the board and by the cognizable national or regional certifying authority OR
    - Has received a master's degree or certificate in advanced graduate studies or a doctoral degree in mental health counseling from a recognized educational institution, or a graduate degree in an allied field from a recognized educational institution and a graduate level course work that is equivalent to a master's degree in mental health counseling. Coursework must include the required components of the Core Curriculum as indicated in § 11.5.1 of this Part AND
    - Has completed sixty (60) semester credit hours or ninety (90) quarter hours within their graduate counseling/therapy program or post graduate program. The sixty (60) semester credit hours or ninety (90) quarter hours must be received prior to beginning post graduate experience and supervised case work hours.
  - Has completed the following educational practicum and internship requirements:
    - Completed requisite CACREP expectations for internship and practicum; OR
    - Twelve (12) semester credit hours or eighteen (18) quarter hours of supervised practicum and a minimum of one (1) calendar year of supervised internship consisting of twenty (20) hours per week deemed equivalent by the Board but in no case less than six hundred (600) hours.
- A license as a "clinical mental health counselor" shall be issued to an applicant who has met the qualifications of a clinical mental health counselor associate as above and also meets the following qualifications:
  - Is of good character;
  - Has completed a minimum of two (2) years of relevant postgraduate experience, including at least two thousand (2,000) hours of direct client contact offering clinical or counseling or therapy services with emphasis in mental health counseling subsequent to being awarded a master's degree, certificate of advanced graduate study, or doctorate;
  - Has a minimum of one hundred (100) hours of post-degree supervised case work spread over a two-year (2) period; provided, that the supervision was provided by a person who, at the time of rendering the supervision, was recognized by the board as an approved supervisor;
  - Successfully completes the National Clinical Mental Health Counselor Examination of the National Board of Certified Counselors (NBCC) or other examination approved by the Board to determine the applicant's qualification for licensure as a clinical mental health counselor or is applying for licensure under the provisions of R.I. Gen. Laws § 5-63.2-15.
- An approved supervisor has completed post graduate experience and supervised case work hours as required in R.I. Gen. Laws § 5-63.2-9 by a

person who at the time of rendering the supervision is recognized by the Board as an approved supervisor under the following requirements:

- Must be a licensed clinical mental health counselor, a licensed psychiatrist, a licensed psychologist, a licensed marriage and family therapist, or a licensed independent clinical social worker, who has been licensed in good standing for at least five (5) years and has at least five (5) years of clinical experience as a licensee AND:
  - Has successfully completed one graduate course in supervision in counseling, taken at an institution of higher learning OR
  - Is approved by the National Clinical Mental Health Counselor Examination of the National Board of Certified Counselors (NBCC) as a certified supervisor; OR
  - Has at least two (2) years' experience supervising clinical staff in a mental health setting
- Application for license to practice as a clinical mental health counselor or a marriage and family therapist shall be made on forms provided by the Department, which shall be completed and submitted to the Board thirty (30) days prior to the scheduled date of the Board meeting at which they are to be reviewed.
- Such application shall be accompanied by the following:
- A non-refundable application fee as set forth in the rules and regulations Pertaining to the Fee Structure for Licensing, Laboratory and Administrative Services Provided by the Department of Health (216-RICR-10-05-2). In no case shall said fee be returned. Applicants requiring reexamination shall submit a fee as set forth in 216-RICR-10-05-2 for each reexamination.

### **Nursing License**

#### **Title 5 – Businesses and Professions – Chapter 34 – Nurses (R.I. Gen. Laws §5-34-10 - §5-34-12)**

#### **Licensing of Nurses and Standards for the Approval of Basic Nursing Education Programs (216-RICR-40-05-3)**

#### **State of Rhode Island Department of Health – Nursing**

An applicant seeking initial licensure to practice professional nursing in the State of Rhode Island must:

- Be of good moral character;
- Have completed at least an approved high school course of study or the equivalent supported by diploma or certificate thereof as determined by the rules and regulations of the State Board of Education; and
- Have successfully completed the prescribed curriculum in a Board-approved basic professional nursing education program and holds a diploma from the program

The applicant is required to pass a written or computerized adaptive testing examination determined by the board of nurse registration and nursing education. Upon successful completion of that examination, the applicant shall receive a license to practice nursing as a professional nurse.

Each person seeking a license to practice under the Act, or who is previously licensed and authorized to practice under the Act and is seeking employment, shall apply to the Bureau of Criminal Identification (BCI) for a national criminal records check that shall include fingerprints submitted to the Federal Bureau of Investigation. This background check shall be processed prior to receiving a license to practice or to enter into employment. All applicable fees associated with the national criminal records check shall be paid by the applicant/licensee.

Application for licensure to practice in the State of Rhode Island as a professional nurse, or practical nurse, shall be made on forms provided by the Department, which shall be completed, notarized and submitted to the Department. An applicant shall schedule their own examination date. Such application shall be accompanied by the following documents:

- Official transcripts of education credentials sent directly to the Department and the Board from the school of nursing.
- One (1) photograph of the applicant (head and shoulder view) approximately 2 X 3 inches in size, which is mounted on the application, and

- The application fee (non-refundable) as set forth in the Rules and Regulations Pertaining to the Fee Structure for Licensing, Laboratory and Administrative Services Provided by the Department of Health
- Documentation of compliance with the Criminal Records Review:
  - Submitting a copy of the written notification from the BCI indicating that no disqualification information has been found; or
  - Requesting the BCI to provide the Department with a copy of the criminal background report.

### **Educator Certification**

#### **Title 16 – Education - Chapter 11 - Certification of Teachers [See Title 16 Chapter 97 — The Rhode Island Board of Education Act] (R.I. Gen. Laws § 16-11-1)**

#### **Regulations Governing the Certification of Educators in Rhode Island (200-RICR-20-20-1)**

#### **Rhode Island Department of Education website – Certification – Current & Future Educators**

JWU's M.A.T. program is accredited as an Educator Preparation Program by the Rhode Island Department of Education. The JWU M.A.T. program is designed to prepare students for an Initial Educator Certificate for the State of Rhode Island, in the certification areas listed below. Applicants eligible for certification through completion of a Rhode Island Approved Certification Program receive an Educator Certificate upon submittal of:

- Application on an official form or through electronic means provided by Rhode Island Department of Education;
- Application fee as established by the Council on Elementary and Secondary Education;
- Official transcripts from an approved institution, as required, of all credits and degrees, issued by the registrar or other appropriate official of the institution;
- A statement made by an approved institution or an alternate route to certification program approved by the Commissioner of Education that the candidate has completed an approved planned program of preparation within the last ten (10) years for service in the area of certification and the grade level for which certification is sought and has demonstrated competence with respect to professional standards;
- Official verification from the testing agency that an applicant has achieved a passing score or satisfactory evaluation on required Rhode Island assessments;
- An attestation by the applicant that he or she is of good moral character, including disclosure of any employment, criminal, and certification history; and
- Additional documentation as appropriate to the type of certificate or permit requested.

#### **Requirements for Elementary Education Teacher, Grades 1-6 Certificate:**

- Has completed an approved program in this certification area;
- Holds a bachelor's degree from a regionally accredited institution;
- Has completed a minimum of one (1) year of practical residency or the equivalent in this area and a minimum of sixty (60) hours field experience prior to or following residency;
- Has demonstrated the pedagogical competencies of the Rhode Island Professional Teaching Standards (RIPTS);
- Has demonstrated content and pedagogical competencies as prescribed by the appropriate and RIDE approved national professional associations;
- Has demonstrated a deep understanding of applicable student standards and proficiency in designing and implementing standards-based instruction and assessment; and
- Has met all pedagogy and subject matter testing requirements for this certification area.

#### **Requirements for Elementary Special Education Teacher, Grades 1-6 Certificate:**

- Holds certification in Elementary Education or has passed the approved content assessment for elementary education;

- Has completed an approved program in this certification area;
- Holds a bachelor's degree from a regionally accredited institution;
- Has completed a minimum of one (1) year of practical residency or the equivalent in this area and a minimum of sixty (60) hours field experience prior to or following residency;
- Has completed coursework in English Language Arts, Reading, Mathematics, Social Studies and Science content and methods.
- Has demonstrated the pedagogical competencies of the Rhode Island Professional Teaching Standards (RIPTS);
- Has demonstrated content and pedagogical competencies as prescribed by the appropriate and RIDE approved national professional associations;
- Has demonstrated a deep understanding of applicable student standards and proficiency in designing and implementing standards-based instruction and assessment; and
- Has met all pedagogy and subject matter testing requirements for this certification area.

Requirements for Secondary Grades Business Education Teacher, Grades 7-12 Certificate:

- Has completed an approved program in this certification area;
- Holds a bachelor's degree from a regionally accredited institution;
- Has completed a major or the equivalent in Business Education or a closely related field;
- Has completed a minimum of one (1) year of practical residency or the equivalent in this area and a minimum of sixty (60) hours field experience prior to or following residency;
- Has demonstrated the pedagogical competencies of the Rhode Island Professional Teaching Standards (RIPTS);
- Has demonstrated content and pedagogical competencies as prescribed by the appropriate and RIDE approved national professional association, the National Business Education Association (NBEA);
- Has demonstrated a deep understanding of applicable student standards and proficiency in designing and implementing standards-based instruction and assessment; and
- Has met all pedagogy and subject matter testing requirements for this certification area.

Requirements for Secondary Grades Career and Technical Education Teacher, Grades 7-12 Certificate:

- Has completed an approved program in this certification area;
- If applicable, holds a valid occupational license/certification in the career and technical area issued by the appropriate Rhode Island governing body;
- Holds the appropriate level of post-secondary education for the CTE area sought as identified by RIDE;
- Has completed a minimum of one (1) year of residency in this area and a minimum of sixty (60) hours field experience prior to or following residency. Individuals who have successfully completed three (3) years of teaching in Rhode Island while holding a CTE Preliminary Certificate are not required to complete a residency;
- Has demonstrated the pedagogical competencies of the Rhode Island Professional Teaching Standards (RIPTS);
- Has demonstrated content and pedagogical competencies as prescribed by the appropriate association for the specific career and technical area, when available;
- Has demonstrated a deep understanding of applicable student standards and proficiency in designing and implementing standards-based instruction and assessment;
- Has five (5) years of work experience in the specific career and technical area if holds a high school diploma. The applicant has three (3) years of work experience in the career and technical area if the applicant holds an associate's or bachelor's degree in the career and technical area; and\*
- Has met all pedagogy and subject matter testing requirements for this certification area.\*

- Individuals who hold advanced state issued licenses or advanced industry certificates are not required to complete subject matter testing requirements.
- Any work experience or degree completed more than ten (10) years prior to the date of application must meet subject matter testing requirements regardless of other licenses held.

\* RIDE has exempted JWU M.A.T. students from this requirement.

Requirements for Secondary Grades Special Education Teacher, Grades 7-12 Certificate:

- Holds certification in Secondary Grades Agriculture, Biology, Business Education, Career and Technical Education, Chemistry, English, General Science, Mathematics, Physics or Social Studies or has passed an approved content assessment;
- Has completed an approved program in this certification area;
- Holds a bachelor's degree from a regionally accredited institution;
- Has completed a minimum of one (1) year of practical residency or the equivalent in this area and a minimum of sixty (60) hours field experience prior to or following residency;
- Has demonstrated the pedagogical competencies of the Rhode Island Professional Teaching Standards (RIPTS);
- Has demonstrated content and pedagogical competencies as prescribed by the appropriate RIDE approved national professional associations;
- Has demonstrated a deep understanding of applicable student standards and proficiency in designing and implementing standards-based instruction and assessment; and
- Has met all pedagogy and subject matter testing requirements for this certification area.

**State of Massachusetts**

**Massachusetts Riding Instructor's License**

**MA General Laws – Part I – Title XIX – Chapter 128 – Section 2A**

**330 CMR: DEPARTMENT OF AGRICULTURAL RESOURCES - 330 CMR 16.00: HORSES (16.02: Licensing of Horse Riding Instructors)**

**Massachusetts Department of Agricultural Resources – Riding Instructors Licensing**

The Department may license any applicant who meets the following minimum requirements:

- The applicant must be 18 years of age or older as of the date of application.
- The applicant must have completed a six-month apprenticeship with a licensed riding instructor, including at least 60 hours of directly supervised instruction to mounted students or must be licensed as a horse riding instructor by another governmental entity.
- The applicant must have received a satisfactory score on a written exam administered by the Department.

**State of North Carolina**

**Nursing License**

Article 9A - The Nursing Practice Act

Title 21 NCAC 36 .0211

North Carolina Board of Nursing

- To be eligible for licensure by examination, an applicant shall:
  - submit a completed application for licensure, attesting under oath or affirmation that the information on the application is true and complete and authorizing the release to the Board of all information pertaining to the application. Application for Examination is posted on the Board's website at [www.ncbon.com](http://www.ncbon.com);
  - submit the licensure application fee as established in G.S. 90-171.27(b);
  - have an unencumbered license in all jurisdictions in which a license is or has ever been held;
  - have no pending court conditions as a result of any misdemeanor or felony convictions. The applicant shall provide a written explanation and all investigative reports or court documents evidencing the

circumstances of the crimes if requested by the Board. The Board shall use these documents when determining if a license should be denied pursuant to G.S. 90-171.48 and G.S. 90-171.37;

- submit a written explanation and all related documents if the nurse has ever been listed as a nurse aide and if there have ever been any substantiated findings pursuant to G.S. 131E-255. The Board may take these findings into consideration when determining if a license should be denied pursuant to G.S. 90-171.37. In the event findings are pending, the Board may withhold taking any action until the investigation is completed; and
- complete a criminal background check in accordance with G.S. 90-171.48;
- apply to take and pass the National Council Licensure Examination (NCLEX™).
- In the event any of the above required information indicates a concern about the applicant's qualifications, an applicant may be required to appear in person for an interview with the Board if the Board determines in its discretion that more information is needed to evaluate the application.
- An applicant shall meet the educational qualifications to take the examination for licensure to practice as a registered nurse or licensed practical nurse by:
  - graduating from a National Council State Board of Nursing (NCSBN) member Board-approved nursing program, in accordance with Section .0300 of these Rules, designed to prepare a person for registered nurse or licensed practical nurse licensure;
- An application shall be submitted to the Board and a registration form to Pearson VUE. The applicant shall meet all requirements of NCSBN. Applicants for a North Carolina license may take the examination for licensure developed by NCSBN at any NCSBN-approved testing site.
- An application for licensure shall be valid for a period of one year from the date the application is filed with the Board or until the Board receives notice that the applicant has either passed or failed the examination.
- The examinations for licensure developed by NCSBN shall be the examinations for licensure as a registered nurse or as a licensed practical nurse in North Carolina and these examinations shall be administered in accordance with the contract between the Board and NCSBN.
- Any license issued shall be issued for the remainder of the biennial period.

## Minors, Specializations and Certificates

Please see the appropriate undergraduate or graduate section for information regarding minors, specializations and certificates.

### Undergraduate

#### Undergraduate Minors, Specializations and Certificates: Definitions and Guidelines

A **minor** provides students the opportunity to explore a secondary area of inquiry independent of the academic major. A minor requires successful completion of at least 15 semester credits in a single prescribed area of study pursued concurrently with bachelor's degree requirements.

A **specialization** is an identified area within an undergraduate program that consists of a minimum of 15 semester credits pursued concurrently with bachelor's degree requirements. The specialization is a subset of the major, and credits earned toward a specialization are calculated in the required number of courses/credits for the earned major.

A **certificate** represents the pursuit of applied knowledge and/or skills in a specific field of study recognized by a profession. An undergraduate certificate is a non-degree program requiring at least 15 semester credits. A student who wishes to pursue a certificate program must apply through Admissions. If a certificate student enrolls later in a degree-bearing program, the applicable courses successfully completed for the certificate program may be applied to the requirements of the student's declared program.

A **micro-certificate** is a non-degree credential offered to non-degree students through JWU's College of Professional Studies (CPS) to provide targeted instruction for industry/field specific knowledge and/or skills. Undergraduate micro-certificates are normally comprised of 12 semester credits. Graduate micro-certificates are normally comprised of 9 semester credits. Previously earned academic credits cannot be applied to micro-certificate requirements. A student who wishes to pursue a micro-certificate

must apply through CPS Admissions. If a micro-certificate student later enrolls in a degree-bearing program, the courses successfully completed for the micro-certificate may be applied to the requirements of the student's declared program.

#### Guidelines for Minors

- To earn a minor, a student must complete a minimum of 15 semester credits in a single prescribed area of study concurrently with his or her bachelor's degree requirements.
- A student may not pursue a major and a minor in the same field of study.
- A student may not create their own minor.
- Credits earned in major courses cannot be applied to the minor. Courses in the A&S Core Experience, Related Professional Studies and Business Foundations may be applied to the minor. Please consult the catalog for specific course requirements for minors.
- A student who wants to declare a minor must submit a request form to Student Academic Services no later than the start of their senior year. Students are encouraged to declare a minor as early in their academic career as possible to allow for proper planning of registration.
- Courses offered through study abroad may apply.
- A maximum of 6.0 credit hours of transfer credit can be applied to the attainment of a minor.
- Credits earned or applied toward one minor will not be counted toward the requirements of another minor.
- Some minors may require completion of prerequisite courses that extend the minor beyond 15 semester credits. Advisors must caution students that pursuing a minor may extend the amount of time needed to complete a degree program.
- The successful completion of a minor will be recorded on the student's academic transcript when the degree is awarded. A minor will not be applied to a student's academic transcript after the degree has been awarded. No form of honors or grade point average will be issued for the minor.

#### Guidelines for Specializations

- To earn a specialization, a student must complete the requirements as prescribed within the program as part of the bachelor's degree requirements.
- A student may not pursue a specialization outside of their chosen program.
- Only one specialization can be earned within a program.
- A student may not create their own specialization.
- Credits earned towards the specialization cannot also be applied to a minor or other specialization. Please consult the catalog for specific course requirements for specialization.
- A student who wants to declare a specialization must submit a request form to Student Academic Services no later than the start of their senior year. Students are encouraged to declare a specialization as early in their academic career as possible to allow for proper planning of registration.
- A maximum of 6.0 credit hours of transfer credit can be applied to the attainment of a specialization.
- Credits earned or applied toward one specialization will not be counted toward the requirements of another specialization.
- The successful completion of a specialization will be recorded on the student's academic transcript when the degree is awarded. A specialization will not be applied to a student's academic transcript after the degree has been awarded. No form of honors or grade point average will be issued for the specialization.

### Graduate

#### Graduate Concentrations and Certificate Programs: Definitions and Guidelines

A **concentration** is an area of study within a graduate degree program that consists of a minimum of 12 semester credits. The concentration is a subset of the major, and credits earned toward a concentration are calculated in the required number of courses/credits for the earned major.

A **certificate program** represents the pursuit of applied knowledge and/or skills in a specific field of study recognized by a profession. A graduate certificate is a non-degree program requiring at least 12 semester credits.

**Embedded certificates** will be awarded only in certain areas where the credential would be recognized by a profession.

A **micro-certificate** is a non-degree credential offered to non-degree students through JWU's College of Professional Studies (CPS) to provide targeted instruction for industry/field specific knowledge and/or skills. Undergraduate micro-certificates are normally comprised of 12 semester credits. Graduate micro-certificates are normally comprised of 9 semester credits. Previously earned academic credits cannot be applied to micro-certificate requirements. A student who wishes to pursue a micro-certificate must apply through CPS Admissions. If a micro-certificate student later enrolls in a degree-bearing program, the courses successfully completed for the micro-certificate may be applied to the requirements of the student's declared program.

#### Guidelines for Graduate Certificates

- An external student who wishes to pursue a graduate certificate program must apply through JWU Admissions. If a certificate student enrolls later in a degree-bearing program, the courses successfully completed for the certificate program may be applied to the course requirements of the student's declared program.
- A maximum of 3.0 semester hours of transfer credit can be applied to the attainment of a graduate certificate.
- The certificate will be awarded after the necessary courses have been successfully completed. Completion of a certificate will be recorded on the student's academic transcript.

## Residency Requirement

Residency requirement refers to the number of credits that students must take at JWU to be eligible for a degree or certificate, whether they are transfer students or JWU students acquiring an additional degree.

Classes taken elsewhere while matriculating at JWU are considered transfer credits and do not apply to residency requirements. In general, credits taken during study abroad programs are processed as transfer credits and do not apply to residency requirements.

Please see the appropriate section for information regarding residency requirements.

### Undergraduate

The residency requirement for all students pursuing an associate degree is a minimum of 21.0 credit hours, half of which must be within the major field.

For students pursuing a bachelor's degree, the minimum is 30.0 credit hours, half of which must be within the major field.

Students pursuing a certificate program will be allowed to transfer a maximum of 6.0 credits (including re-use of JWU courses) toward certificate program requirements. Please note that Micro-Certificates do not allow for transfer credit or re-use of previous coursework.

Upon department chair review, certain related professional studies courses, baking or culinary foundations, business foundations and program electives may be considered when determining residency. Standardized testing credits are not considered when determining residency requirements.

### Additional Degrees

Students in good academic standing may pursue one additional associate degree in a program that has a minimum of 21.0 credits which are not in their primary major (there must be a 21.0-credit difference between the two associate degrees). Half of the credits must be within the major field of the additional associate degree. Classes in the additional associate degree may not be used as electives in the primary major if residency requirements have not been met.

Students in good academic standing may pursue one additional bachelor's degree in a program that has a minimum of 30 credits which are not in their primary major (there must be a 30-credit difference between the two bachelor's degrees). This will typically equate to at least a full year of study beyond the first baccalaureate degree. Half of the credits must be within the major field of the additional bachelor's degree. Classes in the additional bachelor's degree may not be used as electives in the primary major if residency requirements have not been met.

Note: Students pursuing additional degrees may also incur additional tuition and fees.

## Graduate

A maximum of 20 percent of the program's credits may be awarded as transfer credit in accordance with the university's Graduate Transfer Credit Policy (p. 355).

### Additional Degrees

Due to the overlap in core curriculum, students who complete an MBA at Johnson & Wales University are not eligible to complete a second MBA at Johnson & Wales University. However, any student who received a master's degree from Johnson & Wales University may apply for admittance to additional master's degree programs at the university through Graduate Admissions. A maximum of 20 percent of coursework may be shared between the graduate programs. Students must be in good academic standing and meet the entrance requirements for the prospective program to gain admittance.

Note: Students pursuing additional degrees may also incur additional tuition and fees.

## Study Abroad

JWU Global — Study Abroad offers students of all majors the opportunity to earn JWU academic credit while taking classes and living internationally. Study Abroad promotes global citizenship and community engagement through international study in programs and countries that suit students' learning styles and professional goals. Study Abroad opportunities are available that allow students to delve into many different areas of interest all over the world (e.g., explore cuisine and culture of the Mediterranean in Greece; study in Germany through JWU Old World Wine Exploration or JWU Equine - Westphalian Riding School; explore sustainable tourism in Costa Rica; study fashion and design in Italy; discover volcanic island wines in the Azores; expand your worldview with JWU Following in the Footsteps of Leonardo da Vinci; study through our popular affiliates, API Abroad, CIS Abroad, CIEE, or Semester at Sea; consider enrolling at a direct enroll university like Florence University of the Arts or study at one of our exchange partner institution across the globe).

In collaboration with academic colleges across all JWU campuses, JWU Global Study Abroad programs offer a variety of international, domestic, and digital options for major, minor, free electives, experiential learning, and transferable courses. There are many affordable options for students during a semester, winter session, spring and/or summer breaks. Faculty-led, exchange, affiliate, and direct-enroll programs range in duration from one week to a full semester or full year. Financial aid may be applied, and some partners offer external scholarships. Premiere programs do not qualify for JWU scholarships or grants; however federal aid is available. Visit the study abroad website for information, program descriptions and online applications. Where will you go? Wherever you decide, make the best of your educational journey!

## Transcripts

An official transcript is a complete representation of a student's academic record. It includes all courses attempted at Johnson & Wales University, including those withdrawn from and those repeated. It also includes a summary of all transfer credits accepted by the university. Academic work completed at different levels (undergraduate, graduate, post-graduate) is listed on separate transcripts with a separate GPA. In accordance with the Family Educational Rights and Privacy Act (FERPA), a transcript may be released only upon consent of the student.

Johnson & Wales University has authorized the National Student Clearinghouse (NSC) to provide 24/7 online transcript ordering. Alumni, current and former students can order official transcripts using any major credit card. Real-time email and mobile text alerts keep you up to date on the status of your order. You can also track your order online for added convenience.

The university offers both electronic and print transcripts with several delivery options. Each transcript costs \$5.40 with additional charges for Express/Certified delivery. Please take a moment to read the following before placing your order.

**An official transcript can be ordered on the** National Student Clearinghouse website.

## Official Transcript Delivery Options

- **Electronic PDF** (\$5.40): This fastest option is delivered in less than 24 hours to the recipient you have provided. Please make sure the recipient accepts electronic PDF transcripts and keep in mind the following when ordering:
  - The transcript retrieval link will expire 30 days from the date in which it was sent.
  - If you order an electronic PDF version of your transcript sent to yourself, it will be an **unofficial** transcript. In order for your electronic transcript to be official, you must have it sent to another institution or individual directly. If you need an official copy sent to yourself, it must be sent by mail.
  - Electronic transcripts can be delivered relatively quickly. However, if you attended JWU prior to 1980, additional time may be required for your paper record to be converted to the appropriate format.
  - If you choose to send an electronic PDF transcript and the recipient never opens it, we cannot refund the cost of the order. You will receive updates that the transcript has not been retrieved and are encouraged to follow up with the intended recipient.
- **Mail/United States** (\$5.40): In this delivery option the transcript will be mailed via regular first-class USPS mail within one business day of order (please allow up to five-to-seven business days for delivery by the U.S. Postal Service).
- **Mail/International** (\$5): In this delivery option the transcript will be mailed via regular first-class mail as an alternative to sending the transcript via Express delivery for a lower fee. If the transcript is not urgent, and package tracking is not needed, this is a cost effective alternative to Express that can take up to four weeks for delivery depending on the destination.
- **Certified Mail/United States** (\$12): In this delivery option the transcript is sent first-class USPS mail and it takes the standard five-to-seven business days for delivery; however it also provides a Proof of Mailing & Delivery when the letter is delivered. A tracking number is provided to the requestor, like with Express delivery, for the package to be tracked up to delivery of the transcript. This delivery option requires a signature by the recipient for the transcript to be delivered. If the recipient is not available to sign for the transcript, a delivery reminder slip is left by the carrier. This reminder informs the recipient that a USPS Certified Mail letter is being held at the local post office for pick-up. The recipient must go to the post office to sign for the letter and pick it up, or the transcript will be attempted again after five days of original delivery attempt.
- **Express Delivery Options** (FedEx delivery): In this delivery option transcripts requested prior to 11am ET will be mailed within one business day of order to the recipient. Transcripts requested after 11am ET will be mailed within two business days. Please be aware that FedEx will only ship to physical addresses. They will not deliver to PO boxes.
  - Express/United States (\$39)
  - Express/Canada & Mexico (\$59)
  - Express/International (\$75)

## Processing Options

Current Transcript: reflects current grades, classes, and degree status as of order date.

\*If you are a current student and require a transcript with completed grades or degree information, please check your unofficial transcript on jwuLink to ensure your grades and/or degree have been posted. Wait to place your order until you are notified that grades and/or degrees have been awarded for the current semester. You may also view your unofficial transcript on jwuLink to see if this information has been posted. Transcripts will not be reprinted or reordered (for free) because of a failure to do so. Dates when degrees will be awarded on your transcript can be found below.

**Fall 2023 semester:** January 17, 2024

**Spring 2024 semester:** May 29, 2024

**Summer 2024 semester:** September 4, 2024

**Fall 2024 semester:** January 15, 2025

**Spring 2025 semester:** May 30, 2025

**Summer 2025 semester:** September 12, 2025

## Holds

Your transcript will not be released if there is a hold on your account. You will be notified by email indicating there is a transcript hold. The email will contain contact information for you to resolve the hold. When the hold has been removed from your record, your transcript request will be processed. *Your credit card will not be charged until your transcript is sent.* Requests that are on hold for more than 30 days will be cancelled and you will not be charged.

A one-time appeal may be submitted in order to release one copy of your transcript. Once you have completed the National Student Clearinghouse Transcript Order process, you will be able to submit the online appeal form. Please note that your Transcript Request Order Number is required in order to complete the appeal request.

## Attaching Documents

While placing your order, you may submit up to three attachments to be sent along with your transcript. Attachments may be included for all delivery options. These attachments may include documents that the university needs to complete on your behalf or documents that are simply required to accompany your transcript. The university reserves the right to review and refuse the sending of any attachments. Attachments may be in pdf, doc, docx, jpg, jpeg or png format.

## Help

To receive help with any part of the transcript ordering process, contact the Clearinghouse at (703) 742-4200. A list of frequently asked questions and transcript ordering topics are located on the My Student Center.

## Refund Policy

There are no refunds. Please ensure you enter the correct recipient email or mailing address.

An official transcript can be ordered on the National Student Clearinghouse website.

## Transcripts from Other Schools

### Transcripts from Other Schools

Transcripts or any other documents reflecting a student's secondary or previous college education that have been submitted to Johnson & Wales University as a requirement for admission and/or for transfer credit evaluation become a part of the student's official file. Johnson & Wales University does not provide copies of such documents. Transcripts must be ordered directly from the institution where the coursework was completed.

# Admissions

Johnson & Wales University's admissions process goes beyond looking for academically accomplished students. JWU encourages interaction such as visiting campus, attending a virtual visit session, being in contact with our office, or speaking with a member of our community, such as an Admissions Representative, Professor, or Coach.

The university seeks to attract and retain highly motivated and demonstrably capable students. Students' motivation and interest in succeeding in their chosen careers are given consideration along with their academic achievements.

## Applying for Admission

Please see the appropriate undergraduate or graduate section for information regarding applying.

### Undergraduate

#### How to Apply

Students are encouraged to apply online for quicker processing via the Common Application or JWU application. Paper applications are also accepted. No application fee is required for any of these methods.

To submit a paper application, students may request one to be mailed to them by contacting the Johnson & Wales Admissions office noted below.

Completed paper applications should be mailed to the following campus addresses:

#### Providence Campus

Admissions  
Johnson & Wales University  
8 Abbott Park Place  
Providence, RI 02903  
800-342-5598

#### Charlotte Campus

Admissions  
Johnson & Wales University  
801 W. Trade Street  
Charlotte, NC 28202  
866-598-2427

Students should be sure to complete their application in full. Incomplete applications could affect eligibility for Johnson & Wales scholarship programs. For U.S. students, eligibility for university need-based and federal aid is determined through the Free Application for Federal Student Aid (FAFSA). In completing the application form, students must indicate the semester in which they wish to enroll. Applications are accepted for semesters beginning in the fall and spring.

**Early Action Admission** (first-year applicants for fall semester): Johnson & Wales University offers Early Action Admission, a non-binding application program for students who view JWU as one of their top choice schools. The application deadline for Early Action is November 1. Decision letters will be mailed by December 1.

**Regular Admission:** Regular admission applications are accepted through July 1 and applications for the fall semester received after November 1 (early action deadline) will be reviewed on a rolling basis. Admissions will begin releasing decisions within two weeks of complete submission. Students are encouraged to complete the application process as soon as possible. Transfer applicants must submit all materials by the July 15 deadline. For the spring semester, the application deadline is December 1. Admissions may choose to extend these deadlines. Certain bachelor's degree programs require successful completion of associate degree or equivalent. This acceptance is contingent upon receipt and evaluation of college transcripts.

After completing the application form, students are responsible for requesting that their high school guidance office forward to the university an official copy of the secondary school record which is necessary for admissions consideration.

Johnson & Wales University prefers to receive the applicant's high school transcripts at the same time as the application for admission. Transfer students must also submit official transcripts from all high schools and

colleges attended. For the first year of any new program, acceptance of transfer credit is contingent upon course scheduling.

### Graduate

#### How to Apply

Students are encouraged to apply online for quicker processing. Paper applications are also accepted. No application fee is required for either method.

To submit a paper application on a paper application, students may request an application to be emailed or mailed to them by contacting the Johnson & Wales Admissions office noted below.

Completed paper applications should be mailed to the following campus address:

#### Providence Campus

Graduate Admissions  
Johnson & Wales University  
8 Abbott Park Place  
Providence, RI 02903

Students should be sure to complete their application in full. For U.S. students, eligibility for federal aid is determined through the Free Application for Federal Student Aid (FAFSA).

Certain programs require applicants to apply to a designated Central Application System (CAS).

These JWU post-baccalaureate and graduate programs require a CAS application:

Accelerated Bachelor of Science in Nursing (ABSN) – students should apply through NursingCAS

Clinical Nutrition & Dietetics (MSCND) – students should apply through DICAS

Occupational Therapy Doctorate (OTD) – students should apply through OTCAS

Physician Assistant Studies (MSPAS) – students should apply through CASPA

Postbaccalaureate Pre-Medical & Pre-Health Professions – students should apply through PostBacCAS

## Advanced Placement Credit

Students entering Johnson & Wales University with Advanced Placement test scores of 3 or greater will be granted transfer credit for the equivalent JWU course or courses, based on the score levels attained and applicability to their program of study. In order to obtain credit, students must submit official AP Grade Reports from the College Board Advanced Placement Program.

To view the currently approved AP course equivalencies and the respective required scores, go to the Transfer Evaluation System (TES) and type "College Board" in the search box. Exam titles are listed alphabetically preceded by the designation "AP." For more information about AP credit, contact University Transfer and Testing through Student Academic Services.

JWU's Physician Assistant program does not accept CLEP, DSST or Advanced Placement (AP) credits to fulfill prerequisite courses. Admissions will consider AP credits for one of the English course prerequisites on a case-by-case basis.

Policies regarding the treatment of AP, CLEP or DSST transfer credit vary among graduate, professional and medical schools.

## High School/College Verification

Graduation from high school, or equivalent education as certified by state departments of education, is required for undergraduate admission. Graduation verification documents must be submitted to Admissions. Official verification documents include at least one of the following.

- Preferred documents from a high school/college administrator. Approved correspondence includes:
  - Final transcript, letter or email received directly from the institution (copy/fax [portal upload]/email/pdf/sealed envelope)
  - Final high school/college diploma/transcript received directly from the institution that shows the date (month/year is acceptable) the diploma was awarded (copy/fax [portal upload]/email/pdf/sealed



envelope); secondary school leaving certificate (for students who completed secondary education in a foreign country)

- High school equivalency certificate received directly from the testing site (copy/fax [portal upload]/email [high school only]/pdf/sealed envelope)

Additional methods of verification of high school completion exist for home-schooled students (p. 347). It is the student's responsibility to provide verification of high school completion.

Students do not need to provide high school verification if at least one of the following situations pertains to them:

- Successful completion of a post-secondary degree program
- Successful completion of at least 60 semester or trimester credit hours or 72 quarter credit hours that did not result in the awarding of a post-secondary degree associate degree is acceptable for full credit toward a bachelor's degree at any institution.

The student must provide an official college transcript for verification of completed college earned hours. Without such verification, the student may not be allowed to register for the current semester or continue enrollment and will be in jeopardy of revocation of admission to the university as well as losing all financial aid.

International students should refer to the International (p. 347) section for admissions information.

## Home-Schooled Students

### Required Documents

For students applying as a first-year student, a completed application and high school transcript(s) are required, except in circumstances where a student is home-schooled or where the traditional high school transcript is, for various reasons, not available.

### Home-school/High School/College Verification

Home-schooled students must be able to document that they have completed high school. Verification documents for home-schooled students include at least one of the following:

- a high school diploma/transcript recognized by their state department of education
- high school equivalency exam

or, with respect to home-schooled students who are above the compulsory age of school attendance,

- a secondary school completion credential for home school (other than a high school diploma or high school equivalency exam) provided for under state law; or
- if state law does not require a home-schooled student to obtain the credential described in the preceding bullet, a certification letter that the student has completed a secondary school education in a home-school setting that qualifies as an exemption from compulsory attendance requirements under state law.

It is the student's responsibility to provide verification of high school completion. Without such verification, the student may not be allowed to register for the current term or continue enrollment and will be in jeopardy of revocation of admission to the university as well as losing all financial aid.

## JWU Readmission

Applicants applying for admission to any bachelor's degree programs who have attended Johnson & Wales University as an undergraduate student in the past, regardless of whether a degree was earned, must complete a readmission application and submit it with transcripts from any institutions attended since leaving JWU. For details regarding the university's readmittance policy, see the Student Handbook.

## International Admissions Requirements

Johnson & Wales University's admissions process goes beyond simply looking for academically accomplished students. The university seeks to attract and retain highly motivated and demonstrably capable students. Students' motivation and interest in succeeding in their chosen careers are given consideration along with their academic achievements.

The assessment of international qualifications is completed at and by Johnson & Wales University. This includes assessment for entry to all programs, as well as transfer credit evaluation (p. 354).

While not required for all programs of study, graduate students are encouraged to submit employment information, résumé/CV and letters of recommendation for admissions consideration.

## Undergraduate

Applicants who are not United States citizens or permanent residents (holding a "green card" or permanent resident card) of the United States must meet the same admissions requirements as all other applicants, including some additional documentation.

International applicants must submit the following:

### Application

- An accurate, complete and legible international application must be submitted. **All schools attended must be listed with dates of attendance.**

### Transcripts

- Official secondary school transcript showing subjects and marks received with graduation date. Diplomas and any external examination results should be submitted, if applicable. Students who have not yet graduated from secondary school must submit a transcript showing all completed work, and expected results and graduation date may be submitted for review.
- Certified word-for-word translations must be submitted with all non-English documents.
- Candidates with postsecondary coursework from an institution outside the United States must submit to Johnson & Wales University all official documentation and must request a course-by-course evaluation from [World Education Services Inc. \(WES\)](#) or another NACES approved international credential evaluation service. Note that all non-English documents must be accompanied by certified word-for-word English translations. In certain circumstances we may require course descriptions and/or syllabi (subject details, module descriptors or content outline). Those with coursework in progress must submit final updated official documentation as soon as it becomes available.

### English Proficiency

- Applicants whose native language is not English must provide proof of English proficiency through academic transcripts or testing. English language proficiency is required for admission to all programs of study at Johnson & Wales University.
- English Language Proficiency test results (if applicable or available, please see the English Proficiency Requirements (p. 348)).
- All English Proficiency documents should be uploaded to the student's applicant portal for review.

### Financial Support

- Certified bank statement or government sponsorship letter verifying financial support for one academic year.

### I-20 Processing

- Reservation deposit submitted via applicant portal.
- Copy of biographical section of applicant's current passport.
- Certified bank statement or government sponsorship letter verifying financial support for one academic year. Bank statements cannot be older than three months from the time of issue.
- Completed financial declaration signed by both the applicant and sponsor.
- Transfer verification form, if the student is currently on an F-1 visa and studying in the United States. This form will be sent to students as applicable.
- All I-20 documents should be uploaded to the student's applicant portal for review.

All documents and information should be clear and legible; if important information cannot be read by the International Admissions staff, the admissions process is delayed.

Official or certified final documents should be sent by courier or brought to the campus where the student intends to enroll. We also accept as official documents received by secure electronic transcript services.

### Providence Campus

Johnson & Wales University  
International Admissions  
8 Abbott Park Place  
Providence, RI 02903 USA  
Telephone: 401-598-1000  
Fax: 401-598-2948

### Charlotte Campus

Johnson & Wales University  
International Admissions  
801 West Trade Street  
Charlotte, NC 28202 USA  
Telephone: 980-598-1107  
Fax: 980-598-1111

## Graduate

Graduate programs are available to international students at our Providence Campus location only.

Applicants who are not U.S. citizens or permanent residents (holding a “green card” or permanent resident card) of the U.S. must meet the same admissions requirements as all other applicants, including some additional documentation required for the Form I-20. International Graduate Studies students must submit official or certified transcripts/mark sheets from all institutions attended and diploma showing bachelor’s degree (and master’s degree, if applicable) conferral. Photocopies, fax copies, U.S. Notary copies, scanned or emailed documents may be valid for application purposes\*. However, official or certified documents will be required before final enrollment, presented either by mail or in-person. We also accept as official documents received by secure electronic transcript services. Without such verification, students will not be allowed to register for the current semester or continue enrollment and will be in jeopardy of losing their academic status with the university as well as their immigration status. For international students, a loss of immigration status will require their immediate departure from the United States.

\*JWU reserves the right to request verified copies or official documents as needed.

English language examination results must be submitted on an official test transcript that is no more than two years old. Please see English Proficiency Requirements (p. 348) for scores required for admission.

International applicants must submit the following:

1. An accurate and complete graduate application. **All schools attended must be listed, with dates of attendance.**
2. All postsecondary (college or university) transcripts, marks sheets, diplomas or certificates. Post-secondary qualifications include associate degree, diploma, certificate, bachelor’s degree, post-graduate diploma and master’s degree. All non-English credentials must be accompanied by certified word-for-word translations.
3. Two letters of recommendation
4. A statement of purpose
5. A résumé or CV
6. Certified bank statement or government sponsorship letter verifying financial support for one academic year. Bank statements cannot be older than three months from the time of issue.
7. Completed financial declaration form signed by both the applicant and the sponsor
8. Copy of biographical section of applicant’s current passport
9. English Language Proficiency test results (if applicable or available, please see English Proficiency Requirements (p. 348))

All documents and information should be clear and legible; if important information cannot be read by the International Admissions staff, the admissions process is delayed and, as a result, so is the acceptance/Form I-20 process. All documents must be sent to the Providence Campus location directly:

### Providence Campus

Johnson & Wales University

International Admissions

8 Abbott Park Place

Providence, RI 02903 USA

Telephone: +1-401-598-1074 or 1-800-342-5598

Email (gradpvd@admissions.jwu.edu)

## English Language Proficiency

Applicants whose primary language is not English must provide proof of English proficiency through academic transcripts or testing. English language proficiency is required for admission to all programs of study at Johnson & Wales University, regardless of country of citizenship or residency. Students who do not provide proof of English proficiency will be enrolled in the English as a Second Language (ESL) program and registered for ESL classes prior to beginning regular degree studies. For more information, please see English proficiency requirements (p. 348).

Johnson & Wales University’s English as a Second Language (ESL) program allows students to focus on the areas where they need the most improvement.

**English as a Second Language (ESL) Program admission requirements are as follows:**

- Transcript, diploma, certificate or examination results from last program completed or attended. If the student plans to continue matriculating via an academic pathway after ESL, the student must complete the undergraduate or graduate application/enrollment process.

**Types of ESL programs:**

- ESL only (with no degree intention) — There is no GPA requirement for this program.
- ESL (with undergraduate degree intention) — The GPA requirement is the same as the intended undergraduate major.
- ESL (with graduate degree intention) — The GPA requirement is the same as the intended graduate major.

## English Proficiency Requirements

Johnson & Wales University recognizes a number of examinations as proof of English proficiency. Acceptable proof of English proficiency may include one of the following comparable English proficiency examinations (English proficiency examinations cannot be older than two years). Please note that total exemption from ESL may require meeting both the overall score and individual subscores.

### Examination Score

	Undergraduate		Graduate	
	Subscores	Subscores	Subscores	Subscores
	(recommended)		(recommended)	
IELTS (International English Language Testing System, Cambridge)	6.0	6.5	5.5 or higher	6.0 or higher
Duolingo English Test (DET)	105	110	90	90
TOEFL iBT (Test of English as Foreign Language, Internet, ETS)	75	80	15 or higher	18 or higher
TOEFL Essentials	8	8.5		
PTE Academic (Pearson Test of English) Online or at-home option	53	53	43 or higher	43 or higher

TOEFL PBT (Paper-based) revised — discontinued	20 on each of the Reading, Listening & Writing tests	20 on each of the Reading, Listening & Writing tests
Kaplan International	Advanced Certificate	Proficient Certificate
EF Education First, University Preparation	TOEFL, see requirements above	IELTS, see requirements, above
ELS — Certificate of Completion	Level 112	
LanguageCert International ESOL Exams	C1 level of CEFR*	C1 level of CEFR*
Cambridge C1 Advanced (formerly CAE)	180 or higher	180 or higher
Eiken S.T.E.P. (Society for Testing English Proficiency)	Grade 1	Grade 1
Michigan English Test — MELAB — Discontinued		
SAT Evidence-Based Reading and Writing	500	
ACT English Language Arts	19 (average of English scores)	
ACT English and Reading	Section scores of 19 in each	

\*CEFR (*Common European Framework of Reference*) is an international standard describing language ability.

To meet English proficiency requirements, all English language examination results must be submitted on an official test transcript or test report form that is no more than two years old. TOEFL scores must be received as official ETS scores. The Johnson & Wales University Designated Institution (DI) code is 3465. Students should use this code on their TOEFL registration form so that their scores will be sent directly to Johnson & Wales University. Legible copies of IELTS Test Reports may be verified through the IELTS verification service.

Students may be exempted from individual ESL classes based on their individual test section scores. Johnson & Wales University also reserves the right to require a student to take ESL classes to increase proficiency in a particular area, regardless of total test scores.

Other English language examination results will also be considered, and experience studying in the English language, as documented through school transcripts, will be taken into consideration.

Additional qualifications that meet English proficiency requirements include the following:

#### For Undergraduate Study

GCSE, CIE, IGCSE or Singapore/Cambridge O Levels	Grade of 4, or Grade of C or higher in English Language
International Baccalaureate Examinations — IBO.org	Grade of 4 or higher in English SL/HL (Syllabus A)
Caribbean Secondary Education Certificate (CSEC)	Grades I–III in English Language
WAEC West African School Certificate Examination**	Grade 6 or better in English Language

#### For Graduate Study

Nigeria — completion of an accredited university program	Level acceptable for graduate school admission
Ghana — completion of an accredited university program	Level acceptable for graduate school admission

## Majority English-Speaking Countries

Applicants who submit an official transcript from the following countries where English is the dominant native language and primary language of instruction may not be required to submit English language test scores, based on transcript review. JWU reserves the right to request English proficiency, as needed.

*Official transcripts (examination certificates) will need to be provided.*

- Anguilla (ANG)
- Antigua & Barbuda (ANT)
- Australia (AUS)
- Bahamas (BAH)
- Barbados (BAR)
- Belize
- Bermuda (BER)
- Botswana
- British Virgin Island (BVI)
- Canada (except Quebec) (CAN)
- Cayman Island (CAY)
- Dominica (DOM)
- Falkland Island
- Fiji (FJI)
- Gambia\*\*
- Ghana\*\*
- Gibraltar (GIL)
- Grenada (GRN)
- Guam (GUM)
- Guyana (GUY)
- Ireland (IRE)
- Jamaica (JAM)
- Liberia\*\*
- Kiribati (KIR)
- Malta (MLT)
- Marshall Islands (MRI)
- Mauritius
- Micronesia, Fed States (MIC)
- Montserrat (MNT)
- Namibia
- New Zealand (NWZ)
- Nigeria\*\*
- Scotland (SCO)
- Seychelles (SEV)
- Sierra Leone\*\*
- St. Helena
- St. Kitts & Nevis (STR)
- St. Lucia (STL)
- St. Vincent and the Grenadines (STV)
- Trinidad and Tobago (TRT)
- Turks and Caicos Island (TCI)
- Uganda
- United Kingdom (UNK)
- Virgin Islands
- Zambia
- Zimbabwe

\*\* West African Examinations Council member countries — see WAEC West African School Certificate Examination requirements, above.

## Examinations

### International Baccalaureate

Johnson & Wales University recognizes International Baccalaureate (IB) Diploma and Certificate Examinations for advanced placement credit and will award three to six (3 to 6) semester credits for standard and higher-level exams with a score of 4 or better as applicable for the intended JWU major.

Students must request an official IBO examination transcript to be sent from the International Baccalaureate Organization.

### General Certificate of Education Advanced Level (A-level)

Johnson & Wales University recognizes UK Advanced Level examinations for advanced placement credit and will award up to eight (8) semester credits per subject for GCE Advanced Level Examinations (excluding General Paper) passed with grade equivalents of C or better. Up to four (4) semester credits may be awarded for GCE AS (Advanced Subsidiary) examinations. Students must submit an official or verified certificate or statement of results issued by the UK examinations board.

### Caribbean Advanced Proficiency Examinations (CAPE)

Johnson & Wales University recognizes Caribbean Advanced Proficiency Examinations for advanced placement credit and will award up to eight (8) semester credits per subject for two-year CAPE examinations passed with grades of I, II or III. Up to four (4) semester credits may be awarded for single-unit CAPE examinations. Students must submit an official or verified statement of results issued by the Caribbean Examinations Council (CXC).

## Form I-20/Visa

Please see the appropriate undergraduate or graduate section for information regarding Form I-20/Visa.

### Undergraduate

#### Initial Form I-20: Undergraduate

Johnson & Wales University will send the Form I-20 after undergraduate international students have been accepted, have paid their \$500 deposit, and have submitted evidence of financial support. International students must register for the semester for which admission is offered and must maintain full-time status during the academic year.

Responsibility for obtaining the approved visa classification rests entirely with students. Students entering the United States to study will need an F-1 international student visa. In order to obtain the necessary visa, students must submit the valid Form I-20 for an F-1 visa to the United States Embassy or Consulate in the country of residence. In addition to these forms, students will have to present a passport and evidence of financial support.

Additionally, F-1 international students currently studying in the U.S. who seek enrollment in a JWU program are required to submit a Transfer Release Form (completed by the international student advisor at the institution last attended) prior to receiving a Form I-20 issued from JWU.

Students are admitted to the United States to attend the school that issued their Form I-20. Using an initial attendance Form I-20 from one school to gain admission to the United States to attend another school is a violation of U.S. immigration law. Students must attend the institution that they are authorized to attend. Violators will be reported.

Students holding other types of visas may be allowed to study, please check with the JWU (p. 381) International Student Services Office to learn more. (p. 381)

### Graduate

#### Initial Form I-20 - Graduate

Responsibility for obtaining the approved visa classification rests entirely with students. Students entering the United States to study will need an F-1 international student visa. In order to obtain the necessary visa, students must submit the valid Form I-20 for an F-1 visa to the United States Embassy or Consulate in the country of residence. In addition to these forms, students will have to present a passport and evidence of financial support.

Johnson & Wales University will send the Form I-20 after graduate international students have been accepted, have submitted evidence of financial support, and have paid the \$500 reservation fee. International students must register for the semester for which admission is offered and must maintain full-time status during the academic year.

Additionally, F-1 International students currently studying in the U.S. who seek enrollment in a JWU program are required to submit a Transfer Release Form (completed by the international student advisor at the institution last attended) and pay the \$500 deposit prior to receiving a Form I-20 issued from JWU.

Students are admitted to the United States to attend the school that issued their Form I-20. Using an initial attendance Form I-20 from one school to

gain admission to the United States to attend another school is a violation of U.S. immigration law. Students must attend the institution that they are authorized to attend. Violators will be reported.

### International Transfer Students

International students currently studying in the U.S. who seek enrollment in a JWU program are required to submit a Transfer Release Form (completed by the international student advisor at the institution last attended) prior to receiving a Form I-20 issued from JWU.

## High School/College Verification

All students who have been accepted for admission to Johnson & Wales University must provide verification of high school completion. International students need to submit an **official, final** transcript, diploma and/or official examination results, with original stamps, signatures and award date.

Students do not need to provide high school verification if at least one of the following situations pertains to them:

- Successful completion of an associate degree program
- Successful completion of at least 60 semester or trimester credit hours or 72 quarter credit hours that does not result in the awarding of an associate degree, but that is acceptable for full credit toward a bachelor's degree at any institution
- Enrollment in a bachelor's degree program where at least 60 semester or trimester credit hours or 72 quarter credit hours have been successfully completed, including credit hours transferred into the bachelor's degree program. The student must provide a college transcript for verification of completed college earned hours.

For international applicants, if any post-secondary coursework is from an institution outside of the United States, the Office of Admissions requires you to submit all international coursework to a NACES approved international credential evaluation service (World Education Services, Inc. (WES), Educational Credential Evaluators, Academic Evaluation Services, Spantran, etc.), or other third-party verification agency for a credential evaluation. In order to be awarded transfer credit, applicants will need to request a certified course-by-course evaluation (with GPA and course levels). Once JWU receives the evaluation, we will review and verify its contents. If evaluation meets our requirements, we will not require a separate official transcript from that school. If academic study is in progress, accepted applicants will be required to provide the appropriate documents upon completion of studies.

**Without such verification, students may not be allowed to register for the current semester or continue enrollment and will be in jeopardy of losing their academic status with the university as well as their immigration status.** For international students, a loss of immigration status will require their immediate departure from the U.S.

## International Transfer Credit

Postsecondary coursework completed at foreign institutions that is formally recognized and authorized by their national governments, usually through a ministry of education, is generally eligible for transfer credit; however, transfer credit is not guaranteed.

Please see the appropriate section for detailed transfer credit policies.

Graduate programs are offered at the Providence Campus.

### Undergraduate

Applicants with transfer credit should submit official college transcripts from any colleges and universities previously attended prior to enrolling at the university. It is the responsibility of those candidates who are currently attending other colleges to have their updated official transcripts sent to Johnson & Wales University as soon as final grades become available and no later than the first semester of enrollment. In some cases, an official course outline or syllabus will be required for evaluation. Students who have completed military service must submit a Joint Services Transcript (JST) for evaluation. Credit for military service is awarded based on recommendations provided by the American Council on Education (ACE) in the Guide to the Evaluation of Educational Experiences in the Armed Services.

Candidates with postsecondary coursework from an institution outside the United States must submit to Johnson & Wales University all official documentation and must request a course-by-course evaluation from World Education Services Inc. (WES) or another NACES approved international credential evaluation service. Note that all non-English documents must

be accompanied by certified word-for-word English translations. In certain circumstances we may require course descriptions and/or syllabi (subject details, module descriptors or content outline). Those with coursework in progress must submit final updated official documentation as soon as it becomes available.

In order to be eligible for transfer credit, courses must be similar in level, content and duration to JWU courses in the student's intended program of study. Additionally, only courses with earned grades of C or higher (2.00 GPA) or equivalent will be accepted. Courses that carry grades of "Pass" (P) are also acceptable for transfer, provided credit was awarded and the grade of P carries a numeric GPA value of 2.00 or greater. As an exception, any course(s) that has earned a grade of Pass (P) or Satisfactory (S), as a result of COVID-19, will be considered for transfer credit regardless of the number of associated quality points or its numeric value. Note that due to programmatic accreditation standards, SCI1050 Nutrition, DIET2070 Lifespan Nutrition, DIET3030 Nutrition Assessment, DIET3080 Community Nutrition, DIET4030 Medical Nutrition Therapy, DIET4630 Advanced Medical Nutrition Therapy, BIO1011 General Biology - Cellular / BIO1016 General Biology Laboratory - Cellular, CHM1000 Foundations in Chemistry / CHM1006 Foundations in Chemistry Laboratory, BIO2041 Human Physiology / BIO2046 Human Physiology Laboratory, BIO2201 General Microbiology / BIO2206 General Microbiology Laboratory, CHM2050 Introduction to Organic Chemistry, and CHM3040 Biochemistry are excluded from this exception for students entering the Dietetics & Applied Nutrition B.S. program. Students who opted for a grade of Pass (P) or Satisfactory (S) in any of these courses will have to repeat the course and earn a standard letter grade. Credits earned in developmental and remedial, English as a Second Language courses, Portfolio Development, Challenge Examinations, or CEUs (continuing education units) are nontransferable.

Upon completion of the transfer credit evaluation, accepted students will receive a copy of their degree audit showing the credit accepted toward their program of study. Students with domestic transfer credit wishing to review such credits must contact a transfer adviser in Student Academic Services. Those with transcripts from foreign institutions must contact International Admissions.

JWU has a number of articulation agreements and transfer credit equivalencies in place that facilitate student transfers to Johnson & Wales University. The Transfer Evaluation System provides students with information on courses (domestic only) that have previously been evaluated and accepted by Johnson & Wales University.

The university reserves the right to substitute courses at the discretion of the department chairs, directors or deans.

The transfer of credit is not guaranteed.

## Graduate

Graduate program applicants with prior graduate-level coursework taken at approved colleges and universities may be eligible for transfer credit. A maximum of 20% of the program's credits can be awarded as transfer credit for courses completed with a grade of B (3.00) or better, or equivalent. For doctoral programs, only courses completed with grades equivalent to a 3.00 (3.25 for Ed.D. candidates) or higher will be accepted. Transfer credits accepted may vary based on the doctoral program. In some cases, an official course outline or syllabus will be required in order to determine if the course(s) is similar in level, content and duration to courses in the student's intended program of study at JWU. Graduate transfer credit will be approved by the dean of the respective college.

Applicants with transfer credit should submit official college transcripts from any colleges and universities previously attended prior to enrolling at the university. It is the responsibility of those candidates who are currently attending other colleges to have their updated official transcripts sent to Johnson & Wales University as soon as final grades become available and no later than the first semester of enrollment.

Candidates with post-secondary coursework from an institution outside the United States must submit to Johnson & Wales University all official documentation and must request a course-by-course evaluation from World Education Services, Inc. (WES) or another NACES approved international credential evaluation service. Note that all non-English documents must be accompanied by certified word-for-word English translations. In certain circumstances we may require course descriptions and/or syllabi (subject details, module descriptors or content outline). Those with coursework in

progress must submit final updated official documentation as soon as it becomes available.

Upon submission of all of the required documents and completion of the transfer credit evaluation, accepted students will be notified that the evaluation is complete and the degree audit is available for review.

Once enrolled in a JWU master's degree program, a student may not take courses elsewhere and apply them for transfer credit. Transfer credits should be requested prior to initial matriculation into a JWU master's degree program.

The university reserves the right to substitute courses at the discretion of the department chairs, directors or deans.

## Prerequisite and Foundation Courses

Prerequisite courses are required undergraduate classes for students who need such courses to prepare for graduate study.

Foundation courses are graduate-level courses that may be required of some students whose previous academic background does not reflect the required core business knowledge. Foundation courses with grades below a C (2.00) or equivalent will need to be repeated.

For possible exemption from prerequisite courses, candidates must ensure that all official college and university transcripts are submitted prior to enrollment at JWU. In some cases, the official course outline or syllabus will be required in order to complete the evaluation. Only courses similar in level, content and duration to JWU's prerequisite courses, and for which the student has earned a grade of C or higher (2.00) or equivalent, may be used to exempt the student from the respective prerequisite. Specific graduate degree program prerequisite and foundation requirements are listed in the catalog under each program of study.

Foundation courses may be satisfied based on previously completed course work which demonstrates the required business core knowledge and has earned grades of C or higher (2.0) or equivalent. Students without the required business core knowledge have the option to test out of either or both foundation courses by passing JWU's Graduate Knowledge Assessment Test managed by Peregrine Global Services.

Upon transcript review, domestic students may view their degree audit online in [jwuLink > Tools > Academics > Grad Planning System \(GPS\)](#), and will be sent a copy of their degree audit reflecting any prerequisites and/or foundation courses met as well as the remaining requirements of their program of study. International students who enroll in a JWU program can also access their degree audit online in [jwuLink](#).

Students with domestic transcripts wishing to review transfer credit, prerequisite or foundation course credits must contact a transfer advisor. International students should contact a graduate student academic advisor upon enrollment into the graduate school major. Those with transcripts from foreign institutions may be referred to an international credentials evaluator.

## Military and Veterans

Johnson & Wales University (JWU) is honored to support our nation's military members and veterans as they pursue their education. JWU is proud to be a Yellow Ribbon Program-participating institution and a participant of the Principles of Excellence. JWU is dedicated to helping to ensure that our students are maximizing the full potential of their VA education and military benefits. This includes students who are veterans, active duty and military dependents. JWU works with students who qualify for the Montgomery GI Bill<sup>®</sup> Active Duty (Chapter 30), MGIB Selected Reserve (Chapter 1606), Survivors' and Dependents' Educational Assistance (Chapter 35), Post-9/11 GI Bill<sup>®</sup> (Chapter 33), Yellow Ribbon Program, Veteran Readiness and Employment (Chapter 31), Tuition Assistance and other programs/benefits.

All students seeking to utilize educational benefits must apply through the Department of Veterans Affairs (VA). Students with questions about their eligibility should contact the VA first to determine the specific programs for which they may qualify.

Processing of the application by the VA takes approximately six-to-ten weeks. The VA will mail the student a Certificate of Eligibility or an award letter. One of these must be provided to the campus certifying official in Student Financial Services to receive benefits for upcoming semesters.

Each new student utilizing benefits should submit

1. an application for admission
2. official documentation that verifies high school diploma completion or equivalent
3. official college transcripts from all colleges previously attended and military training transcripts, as applicable
4. Certificate of Eligibility or award letter and any other necessary VA paperwork

Note: If you have used benefits at another school, complete one of the following forms and indicate a change of school. If you are the veteran, complete VA form 22-1995 (Request for Change of Program or Place of Training). If you are the dependent of a veteran or service member, complete VA form 22-5495 (Dependents' Change of Program or Place of Training). Forms can be completed online.

Students enrolling under the GI Bill<sup>®</sup> for the first time may experience a delay of up to two months before they receive their first payment(s). Students should contact the Veterans Affairs Office if no payment has been received by week 7 of a semester.

Courses that are not required for the student's degree program will not be certified.

Federal regulations pertaining to the veterans' education benefits program require schools to certify a student's dates of enrollment to enable that student to receive the appropriate benefits. JWU certifies eligible student enrollment based on the actual start and end date of their courses within the semester. Certifying courses and/or labs in this manner should not have any impact on a student's tuition benefits. If there is a break in enrollment between courses, however, it could impact housing stipends. Students using Post-9/11 GI Bill<sup>®</sup> (Chapter 33) and MGIB Selected Reserve (Chapter 1606) benefits are required to verify enrollment at the end of each month to receive monthly housing and/or kicker payments.

The VA requires strict compliance with a number of other regulations. It is the student's responsibility to be informed of the requirements the Department of Veterans Affairs has in place regarding educational benefits. Students who have any questions or concerns regarding their eligibility should contact the U.S. Department of Veterans Affairs for more information.

GI Bill<sup>®</sup> is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by the VA is available at the official U.S. government website.

## Reserve Officers' Training Corps (ROTC)

JWU students enrolled at the Providence Campus may participate in the Army ROTC program at Providence College, subject to eligibility requirements.

Military Science courses are maintained, offered and taught at Providence College. JWU understands that JWU students may enroll in such courses as part of their authorized participation in the Senior Army ROTC Program at Providence College.

For information regarding when and how JWU credit may be obtained for such courses, contact Student Academic Services.

The Patriot Battalion, headquartered at Providence College, serves Johnson & Wales University, Brown University, Bryant College, the Community College of Rhode Island, Rhode Island College and University of Massachusetts at Dartmouth.

Scholarship opportunities are available through this program.

The U.S. Army Officers' Training Program (ROTC) teaches teamwork, leadership and responsibility through a curriculum that includes the following Military Science courses:

### **MIL 101 - Fundamentals of Leadership I with Lab (3 credits)**

Introduces students to the personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, goal setting, time management, stress management, and comprehensive fitness relate to leadership, officership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions. (1 semester, 3 credits)

### **MIL 102 - Fundamentals of Leadership II with Lab (credits)**

Overviews basic leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Students explore dimensions of leadership attributes and core

leader competencies in the context of practical, hands-on, and interactive exercises. Faculty role models and the building of stronger relationships among the students are critical aspects of this course. Prerequisite: MIL 101. (1 semester, 3 credits)

### **MIL 201 - Principles of Military Leadership I with Lab (3 credits)**

Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework (trait and behavior theories). Students practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Prerequisite: MIL 102. (1 semester, 3 credits)

### **MIL 202 - Principles of Military Leadership II with Lab (3 credits)**

Highlights dimensions of operation orders, terrain analysis, and patrolling. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. Prerequisite: MIL 201. (1 semester, 3 credits)

### **MIL 301 - Small Unit Leadership I with Lab (3 credits)**

Students study, practice, and evaluate adaptive leadership skills as they are presented with scenarios related to squad tactical operations. Students receive specific feedback on their leadership attributes and actions. With the feedback, and own self evaluations, students develop their leadership and critical thinking abilities. The focus is developing students' tactical leadership abilities in preparation for ROTC's summer Cadet Leadership Course. Prerequisite: MIL 203. (1 semester, 3 credits)

### **MIL 302 - Small Unit Leadership II with Lab (3 credits)**

Apply team leadership challenges to build student awareness and skills in leading tactical operations at the small unit level. Students conduct military briefings and develop proficiency in the operation orders process. The focus is on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members. Students prepare to attend the ROTC summer Cadet Leadership Course. Prerequisite: MIL 301. (1 semester, 3 credits)

### **MIL 401 - Leadership and Management I with Lab (3 credits)**

Transitions the focus of student learning from being trained, mentored, and evaluated to learning how to train, mentor, and evaluate others. Students will attain knowledge and proficiency in several areas critical in their future roles as officers, including the Military Decision Making Process, training management, counseling, risk management, effective communication, ethical/moral decision making, and administrative systems within the Army. Prerequisite: MIL 302. (1 semester, 3 credits)

### **MIL 402 - Leadership and Management II with Lab (3 credits)**

Explores the dynamics of leading soldiers and completes the transition from student to Army lieutenant. Significant emphasis is placed on preparing students to face the complex ethical and practical demands of leading soldiers in the U.S. Army using case studies and exercises. Additionally, students will develop a Battle Analysis and participate in a Staff Ride at a historic military site. Prerequisite: MIL 401. (1 semester, 3 credits)

**To obtain additional ROTC program information, contact the professor of military science at Providence College.**

## Placement Testing

Placement testing is used mainly to place students into appropriate course levels and determine students' course schedule.

Although it is critical that students do their best, placement test results do not affect the student's admission to the university. See the appropriate section to review specific placement testing requirements.

### **Academic Support and Disability Accommodations**

Students with a documented disability requiring accommodations must forward the appropriate documentation to the Accessibility Services (p. 381) on their campus at least two weeks prior to scheduling a placement test in order to ensure that accommodations can be provided. No accommodations will be allowed unless the required documentation is submitted prior to testing. Students who have already participated

in placement testing and submit appropriate documentation will have the opportunity to retest with the accommodations in place.

## Undergraduate Mathematics and English

Mathematics and English placement tests are required for all new undergraduate students, including transfer students, prior to orientation or attending classes. Transfer students may be exempt from mathematics placement testing only if Johnson & Wales University has awarded them transfer credit for degree-specific, first-level mathematics courses. Students seeking an additional bachelor's degree may also be exempt from math and/or English testing.

The university administers Next Generation ACCUPLACER mathematics and English placement tests to assess students' skills in these areas. The mathematics tests, Quantitative Reasoning, Algebra, and Statistics and Advanced Algebra and Functions, are designed to evaluate skills in relation to those required for college math courses. English placement testing, Writeplacer, is an essay writing test which evaluates writing skills. The ACCUPLACER exams are computer-based tests (CBT) developed by College Board.

All of these tests will result in placement into a course rather than in grades of Pass or Fail.

After acceptance and payment of the reservation fee, students will be emailed instructions for completing the required mathematics and English placement testing online with a virtual proctor. Virtual proctoring allows students to take placement tests online in a quiet and distraction-free location, such as home. Online testing appointments are available seven days a week, 24 hours a day, and require no software installs. All that is needed is a simple webcam, access to the internet and a voucher code that will be provided by the university. There is no charge for virtual proctoring or for the ACCUPLACER assessment. Assessment scores and placement will be displayed on the screen immediately upon submitting the ACCUPLACER. Once the assessment scores are recorded, students will be notified and provided with contact information to where they can address their questions should they wish to discuss their placement and course registration prior to their first term of enrollment.

One placement exam retake will be allowed 30 days after the initial test and no later than the start of the first semester of enrollment. Students requesting to retake their exam may do so by contacting Student Academic Services.

Visit Testing Services for additional information.

## Modern Languages

All undergraduate students who studied a language for more than one year in high school are required to take a placement exam prior to registering for a course in the respective language. Modern language placement exams are required for Spanish, French and German.

Modern language placement exams are computer-based ACCUPLACER tests administered by a virtual proctor. Testing vouchers are issued by Transfer & Testing upon request. Students whose placement score indicates they have met a particular level of language proficiency will not be allowed to enroll in that level of the language. Students placing out of a required level of a language will be given the option to take the CLEP exam to earn the language credits (fees apply), or to have the language credits replaced with an arts and sciences elective course.

For additional information, visit Testing Services.

## English as a Second Language (ESL)

Students admitted into the ESL Program are required to submit Duolingo English Test scores or complete the Levels of English Proficiency (LOEP) test to assess their English-language proficiency. This test includes three sections: reading, language usage and sentence meaning. LOEP tests are scheduled at the beginning of each semester and administered via the ACCUPLACER computer-based placement testing system.

Results of the Duolingo English Test or LOEP placement test will determine whether students are placed into the beginner, intermediate or advanced levels of ESL courses. Students with a score of 315 or higher on the LOEP test are eligible to take the **TOEFL Institutional Testing Program (ITP)** test. Students who obtain a score of 550 or higher in the ITP can exit the ESL program and enroll directly in their degree program courses. Students with a test score under 550 on the ITP will have their individual section scores reviewed in the areas of listening, grammar and reading. Section scores with a minimum of 550 on the ITP will exempt the student from the corresponding ESL class. Students who do not submit Duolingo English Test Scores or

complete the required LOEP test will automatically be placed into beginner-level ESL courses.

Upon placement and enrollment in ESL classes, students are expected to remain continuously enrolled and must successfully complete the remaining ESL program courses prior to enrollment in their degree program courses. English proficiency test scores submitted after the start of the ESL program will not be considered, and will not exempt the student from completing any remaining ESL courses.

Students can request to retake the placement exam by contacting the ELCA Department Chair at Wesley.Roy@jwu.edu to request participation. Students will be allowed one retake exam on the first Friday of their initial enrollment semester.

## Prior Learning Assessment

By successfully completing one of the Prior Learning Assessment options [Portfolio Assessment, College Level Examination Program (CLEP)/DANTES Subject Standardized Tests (DSST) or Departmental Challenge Examinations], students may earn undergraduate or graduate course credit for previous academic and/or prior learning experiences.

### Policies for Prior Learning Assessment

1. Students must consult with an academic advisor prior to applying for Challenge Examinations or Portfolio Development.
2. Course prerequisite requirements must be completed before permission to take Challenge Examinations or Portfolio Development is granted.
3. Prior to applying for a graduate portfolio option, students are required to have an awarded bachelor's degree.
4. Prior Learning Assessments are for academic credit and carry nonrefundable fee(s).
5. Challenge exam credit will only be awarded with a passing score of 70.
6. Undergraduate portfolio credit will only be awarded with a passing score of 70.
7. Graduate portfolio credit will only be awarded with a passing grade of 83.
8. CLEP exam credit will only be awarded for passing scores of 50 or higher, and when the JWU course equivalent to the exam title is degree applicable.
9. DSST exam credit will only be awarded for scores which meet the minimum ACE recommended score, and when the JWU course equivalent to the exam title is degree applicable.
10. Official College Board transcripts are required for CLEP exam credit to be awarded.
11. Official Prometric transcripts are required for DSST exam credit to be awarded.
12. CLEP and DSST exams, if failed, can be repeated three months after the initial testing date.
13. Portfolio Development and Challenge Exams cannot be repeated if failed.
14. The university recognizes up to a maximum of six graduate semester credits for master's degrees, 30 undergraduate semester credits for bachelor's degrees and 15 for associate degrees earned through Prior Learning Assessment.
15. Prior Learning Assessment credits cannot be used to meet residency requirements.
16. Students may not take Challenge/CLEP/DSST exams for a lower level course after completing higher level courses in the same discipline.
17. Students may not request to take a Challenge Exam or Portfolio Development for a course that is a prerequisite to a course for which they have already received credit or in which they are currently enrolled.
18. Students must present a valid picture ID when testing.
19. Participation in the mandatory prior learning seminar does not constitute enrollment at Johnson & Wales University. As such, any fees associated with involvement in the portfolio seminar are not eligible for financial aid.

Visit Testing Services for additional policies, course options, deadlines, examination dates and fees.

In all cases, the academic department determines policy as it relates to the prior learning options available for each course in the department. Several options may be available to students, and it is recommended that students seek the advice of an academic advisor.

## CLEP/DSST Examination

Both CLEP and DSST are forms of Prior Learning Assessment that allow students with knowledge obtained outside the classroom to earn college credit by examination.

### College Level Examination Program (CLEP)

The College-Level Examination Program (CLEP) is a standardized, college-credit-granting exam program maintained by the College Board. CLEP offers 34 exams in five subject areas: business, composition and literature, world languages, history and social sciences, science and mathematics.

While the university accepts the American Council on Education (ACE) recommended passing score of 50, subject equivalencies for each CLEP examination are determined by the respective academic department at the university. To view the currently approved CLEP/JWU course equivalencies, go to the Transfer Evaluation System (TES) and type "College Board" in the search box. Exam titles are listed alphabetically preceded by the designation of CLEP.

U.S. military personnel and U.S. veterans may be eligible to receive funding or reimbursement for CLEP exams. For more information on CLEP, visit CLEP for Military. JWU waives the CLEP administration fee for its U.S. military and U.S. veteran students.

Visit Testing Services for additional policies, course options, deadlines, examination dates and fees.

### DANTES Subject Standardized Test (DSST)

DANTES Subject Standardized Tests (DSST) are standardized college-credit-granting exams maintained by Prometric. There are 37 DSSTs available in six subject areas (business, humanities, math, physical science, social sciences and technology), covering material taught in both lower- and upper-level college courses.

While the university accepts ACE recommended scores, subject equivalencies for each DSST examination are determined by the respective academic department at the university. To view the currently approved DSST/JWU course equivalencies, go to the Transfer Evaluation System (TES) and type "DSST Program Exams" in the search box.

U.S. military personnel and U.S. veterans may be eligible to receive funding or reimbursement for DSST exams. For more information on DSST, please visit Get College Credit.

Visit Testing Services for additional policies and course options.

## Departmental Challenge Examination

Departmental Challenge exams are exams created by the Johnson & Wales University department in which the course is taught and are designed based on the course's content. Exams may be taken for specifically designated undergraduate courses within a department. All matriculating students with previous academic and/or work experience may request such an exam when they feel they possess the knowledge required to meet the course's objectives as listed in the outline for the respective course. The minimum challenge exam passing grade is a C (70).

Students may be required to meet additional prerequisites to take certain challenge exams. Visit Testing Services for complete policies, course options and fees.

## Portfolio Assessment

Undergraduate students may earn credits for the knowledge or skills they have mastered outside the classroom through volunteer work, employment, travel programs, organizations or other comparable sources.

Students are required to meet with an academic advisor to discuss these options.

Prior to applying for the Portfolio Assessment option, students are required to successfully complete ENG1020 Rhetoric & Composition I, or a higher-level writing course. Students applying for a graduate-level portfolio must possess an awarded bachelor's degree.

Students must complete the mandatory online Portfolio Development Seminar before submitting a finalized portfolio for review. While there are no regularly scheduled meetings, students are expected to participate in the seminar activities that lead toward the completion of the

portfolio. The individual components of the portfolio are covered in self-paced segments.

Portfolios must be submitted within six months of the published seminar begin date. Completed portfolios are submitted electronically to the appropriate department designee for review. The portfolio must contain a narrative and evidence that reflects demonstrated proficiency meeting at least 70% of the respective course outcomes for undergraduate portfolios and 83% for graduate portfolios. Students are notified of the outcome once the assessment is completed. If credit is denied for a portfolio, the student has 10 days upon notification to file a written appeal for review.

Participation in the prior learning seminar does not constitute enrollment at Johnson & Wales University. As such, any fees associated with involvement in the portfolio seminar are not eligible for financial aid.

Visit Testing Services to review additional policies, eligible courses, deadlines and fees.

## Transfer Credit

Generally, both graduate and undergraduate coursework completed at institutions of higher learning recognized by a U.S. Department of Education accrediting agency and credit recommended by ACE (American Council on Education) or international Ministry of Education is eligible for transfer credit. JWU does not accept transfer credit from any other institution or other forms of credit. Transfer credit is not guaranteed. Currently, JWU transfer credit evaluations are based on previous college work as it relates to the student's intended program of study. It is the university's policy to accept credits, but not grades. Only grades earned at Johnson & Wales University are calculated into the cumulative grade point average. Students must meet the university's residency requirements (p. 344).

Please see the appropriate section for detailed transfer credit policies.

### Undergraduate

Applicants with transfer credit should submit official college transcripts from any colleges and universities previously attended prior to enrolling at the university. It is the responsibility of those candidates who are currently attending other colleges to have their updated official transcripts sent to Johnson & Wales University as soon as final grades become available and no later than the first semester of enrollment. In some cases, an official course outline or syllabus will be required for evaluation. Students who have completed military service must submit a Joint Services Transcript (JST) for evaluation. Credit for military service is awarded based on recommendations provided by the American Council on Education (ACE) in the Guide to the Evaluation of Educational Experiences in the Armed Services.

Candidates with postsecondary coursework from an institution outside the United States must submit to Johnson & Wales University all official documentation and must request a course-by-course evaluation from World Education Services Inc. (WES) or another NACES approved international credential evaluation service. Note that all non-English documents must be accompanied by certified word-for-word English translations. In certain circumstances we may require course descriptions and/or syllabi (subject details, module descriptors or content outline). Those with coursework in progress must submit final updated official documentation as soon as it becomes available.

In order to be eligible for transfer credit, courses must be similar in level, content and duration to JWU courses in the student's intended program of study. Additionally, only courses with earned grades of C or higher (2.00 GPA) or equivalent will be accepted. Courses that carry grades of "Pass" (P) are also acceptable for transfer, provided credit was awarded and the grade of P carries a numeric GPA value of 2.00 or greater. As an exception, any course(s) that has earned a grade of Pass (P) or Satisfactory (S), as a result of COVID-19, will be considered for transfer credit regardless of the number of associated quality points or its numeric value. Note that due to programmatic accreditation standards, SCI1050 Nutrition, DIET2070 Lifespan Nutrition, DIET3030 Nutrition Assessment, DIET3080 Community Nutrition, DIET4030 Medical Nutrition Therapy, DIET4630 Advanced Medical Nutrition Therapy, BIO1011 General Biology - Cellular / BIO1016 General Biology Laboratory - Cellular, CHM1000 Foundations in Chemistry / CHM1006 Foundations in Chemistry Laboratory, BIO2041 Human Physiology / BIO2046 Human Physiology Laboratory, BIO2201 General Microbiology / BIO2206 General Microbiology Laboratory, CHM2050 Introduction to Organic Chemistry, and CHM3040 Biochemistry are excluded from this exception for students entering the Dietetics & Applied Nutrition B.S. program. Students



who opted for a grade of Pass (P) or Satisfactory (S) in any of these courses will have to repeat the course and earn a standard letter grade. Credits earned in developmental and remedial, English as a Second Language courses, Portfolio Development, Challenge Examinations, or CEUs (continuing education units) are nontransferable.

Upon completion of the transfer credit evaluation, accepted students will receive a copy of their degree audit showing the credit accepted toward their program of study. Students with domestic transfer credit wishing to review such credits must contact a transfer adviser in Student Academic Services. Those with transcripts from foreign institutions must contact International Admissions.

JWU has a number of articulation agreements and transfer credit equivalencies in place that facilitate student transfers to Johnson & Wales University. The Transfer Evaluation System provides students with information on courses (domestic only) that have previously been evaluated and accepted by Johnson & Wales University.

The university reserves the right to substitute courses at the discretion of the department chairs, directors or deans.

The transfer of credit is not guaranteed.

## Graduate

Graduate program applicants with prior graduate-level coursework taken at approved colleges and universities may be eligible for transfer credit. A maximum of 20% of the program's credits can be awarded as transfer credit for courses completed with a grade of B (3.00) or better, or equivalent. For doctoral programs, only courses completed with grades equivalent to a 3.00 (3.25 for Ed.D. candidates) or higher will be accepted. Transfer credits accepted may vary based on the doctoral program. In some cases, an official course outline or syllabus will be required in order to determine if the course(s) is similar in level, content and duration to courses in the student's intended program of study at JWU. Graduate transfer credit will be approved by the dean of the respective college.

Applicants with transfer credit should submit official college transcripts from any colleges and universities previously attended prior to enrolling at the university. It is the responsibility of those candidates who are currently attending other colleges to have their updated official transcripts sent to Johnson & Wales University as soon as final grades become available and no later than the first semester of enrollment.

Candidates with post-secondary coursework from an institution outside the United States must submit to Johnson & Wales University all official documentation and must request a course-by-course evaluation from World Education Services, Inc. (WES) or another NACES approved international credential evaluation service. Note that all non-English documents must be accompanied by certified word-for-word English translations. In certain circumstances we may require course descriptions and/or syllabi (subject details, module descriptors or content outline). Those with coursework in progress must submit final updated official documentation as soon as it becomes available.

Upon submission of all of the required documents and completion of the transfer credit evaluation, accepted students will be notified that the evaluation is complete and the degree audit is available for review.

Once enrolled in a JWU master's degree program, a student may not take courses elsewhere and apply them for transfer credit. Transfer credits should be requested prior to initial matriculation into a JWU master's degree program.

The university reserves the right to substitute courses at the discretion of the department chairs, directors or deans.

## Prerequisite and Foundation Courses

Prerequisite courses are required undergraduate classes for students who need such courses to prepare for graduate study.

Foundation courses are graduate-level courses that may be required of some students whose previous academic background does not reflect the required core business knowledge. Foundation courses with grades below a C (2.00) or equivalent will need to be repeated.

For possible exemption from prerequisite courses, candidates must ensure that all official college and university transcripts are submitted prior to enrollment at JWU. In some cases, the official course outline or syllabus will be required in order to complete the evaluation. Only courses similar in

level, content and duration to JWU's prerequisite courses, and for which the student has earned a grade of C or higher (2.00) or equivalent, may be used to exempt the student from the respective prerequisite. Specific graduate degree program prerequisite and foundation requirements are listed in the catalog under each program of study.

Foundation courses may be satisfied based on previously completed course work which demonstrates the required business core knowledge and has earned grades of C or higher (2.0) or equivalent. Students without the required business core knowledge have the option to test out of either or both foundation courses by passing JWU's Graduate Knowledge Assessment Test managed by Peregrine Global Services.

Upon transcript review, domestic students may view their degree audit online in jwuLink > Tools > Academics > Grad Planning System (GPS), and will be sent a copy of their degree audit reflecting any prerequisites and/or foundation courses met as well as the remaining requirements of their program of study. International students who enroll in a JWU program can also access their degree audit online in jwuLink.

Students with domestic transcripts wishing to review transfer credit, prerequisite or foundation course credits must contact a transfer advisor. International students should contact a graduate student academic advisor upon enrollment into the graduate school major. Those with transcripts from foreign institutions may be referred to an international credentials evaluator.

## Transfer and Career Prerequisites

Students who intend to transfer to other colleges or enroll in graduate school after attending Johnson & Wales University must determine the requirements of those institutions and plan their programs of study accordingly. Johnson & Wales University makes no claim or guarantee for transfer credit to other academic institutions. Similarly, students who intend to take state, foreign business, trade or professional licensing examinations should determine the prerequisites of those jurisdictions prior to selecting their programs of study.

Students who are interested in transferring to JWU should review Transfer Credit (p. 354) for information.

## Vaccination Policy

Prior to the first semester of enrollment, the university requires all new, full-time undergraduate and graduate students, part-time undergraduate students in a health science program, and all culinary students to submit proof of a complete physical exam conducted within the past year, including documented proof of the following:

### Vaccination Requirements

- One or two doses of COVID-19 vaccine, in accordance with the number of doses recommended by the manufacturer (booster strongly recommended)
- Two (2) doses of MMR (measles, mumps and rubella) vaccine (or titers if applicable)
- Two (2) or three (3) dose series of hepatitis B vaccine (or titers if applicable)
- Two (2) doses chicken pox vaccine (or titers if applicable) or proof of physician-diagnosed disease
- One (1) Tdap dose within the past 10 years (except Charlotte Campus, see below)
- One (1) dose of meningitis vaccine. If you received your first meningitis vaccine prior to age 16, a booster is required. A waiver of the meningitis vaccine requirement is available for students 22 years of age and older (please contact Health Services for further information).
- A negative tuberculosis test or chest x-ray within the last year is required for entering students who are from highly endemic countries and have been residents of the United States for less than five years. A list of countries where tuberculosis is highly endemic is available upon request from Health Services.

### Charlotte Campus Only

- Any student who is under the age of 18 upon enrollment must also submit proof of the polio vaccine series.
- Three (3) doses of tetanus-diphtheria vaccine (including at least one Tdap dose within the past 10 years)

## Recommended, But Not Required

- Students should check with their primary care provider as to whether the meningitis type B vaccine is appropriate for them.
- Hepatitis A vaccine

Failure to satisfy this requirement will result in the placement of a Health Services Hold on the students' account and will prohibit students from entering class or changing their schedule. Visit Health Requirements for additional information and required forms.

## Admissions Decision

Please see the appropriate section for information regarding undergraduate and graduate admissions decisions.

### Undergraduate

#### Early Action Admission (First-Year Applicants for Fall Semester)

Johnson & Wales University offers Early Action Admission, a non-binding application program for students who view JWU as one of their top choice schools. The application deadline for Early Action is November 1; decision notification is by December 1.

#### Regular Admissions

The Regular Admissions policy of the university makes it possible to notify students of the admissions decision, their acceptance or any additional conditions necessary for admission on a rolling basis, soon after all of their academic records have been received and reviewed.

The fall semester priority deadline for regular admissions is January 15. The final application deadlines are July 1 for regular admissions and July 15 for transfer students. The spring semester has a December 1 deadline. Admissions may choose to extend these deadlines.

#### Deposit

The \$300 deposit for U.S. citizens or \$500 for international applicants is payable upon acceptance to the university and is credited towards the student's tuition. The university observes the May 1 deposit deadline and encourages students to research all schools prior to placing a deposit. Deposits received after May 1 will be accepted on the basis of space availability. The student's account must be cleared by Student Financial Services by the payment deadline to receive a room assignment. To best ensure consideration for on-campus housing, it is important to meet all deadlines throughout the enrollment process.

Deposits are nonrefundable with the exception of ground campus students who request the refund by June 1 for financial reasons, and international applicants who have their visa denied and who request a deposit refund within two months of the visa denial.

\* The university may revoke any student's acceptance or subsequent enrollment at any time if any information provided by the student is false, misleading or incomplete, or if the university learns of any past or present misconduct by the student that, in the university's sole judgment, would affect the student's ability to represent and uphold the standards of the university.

### Graduate

The rolling admissions policy of the university makes it possible to notify students of the admissions decision, their acceptance or any additional conditions necessary for admission soon after all of their academic records have been received and reviewed.

The reservation fee is payable upon acceptance to the university. Please refer to reservation fee amounts below:

Accelerated Bachelor of Nursing	\$300
Clinical Nutrition and Dietetics	\$500
Doctoral (Ed.D. and OTD)	\$500
Domestic graduate	\$100
International graduate	\$500
JWU Alumni	None
Physician Assistant (M.S.P.A.S.)	\$1,000
Pre-Master's	\$500

These fees will be applied to the cost of tuition once the student matriculates.

Deposits are due for some programs within four weeks of acceptance. This information will be displayed on the admissions student portal. Some deposits are nonrefundable. This deposit will hold the applicant's place in the class. Prior to matriculation, the student may be required to fulfill specific requirements with the department.

The University may revoke any student's acceptance or enrollment if any information or documentation provided by the student is false, incomplete or not acceptable, or if the University learns of any past or present misconduct by the student that would affect the student's ability to represent and uphold the standards of the University.

## Deferred Enrollment

Please see the appropriate section for information regarding deferred enrollment.

### Undergraduate

Johnson & Wales University offers a two-year deferred enrollment for students who have applied and been accepted to the university but, for various reasons, wish to postpone their undergraduate enrollment. JWU will honor the admissions decision during the deferment period; after that time frame, the applicant will need to submit a new application and transcript(s) for review. Please note that this policy is not applicable to the Accelerated Bachelor of Science in Nursing (ABSN) degree.

Merit scholarships and deposits submitted will remain effective during the deferment period. Federal student aid is offered annually; a student must reapply for federal funds through the Free Application for Federal Student Aid (FAFSA).

### Graduate

Johnson & Wales University offers a two-year deferred enrollment for students who have applied and been accepted to the university but, for various reasons, wish to postpone their graduate enrollment. JWU will honor the admissions decision during the deferment period; after that time frame, the applicant will need to submit a new application and transcript(s) for review. Please note that this policy is not applicable to all graduate programs.

For students accepted into a program requiring a CAS application, such as CASPA, OT-CAS, NursingCAS, PTCAS, etc. an acceptance is only applicable for the semester originally accepted. To apply for another semester, applicants must reapply through the Central Application Service application specific to their chosen program.

Merit scholarships and deposits submitted will remain effective during the deferment period.

Students wishing to change their selected date of enrollment should forward a request to Graduate Admissions stating the semester in which they wish to enroll. Please note that some programs start only once each year. International applicants must submit updated financial documents if a new I-20 must be issued.

## Early Enrollment

Starting the beginning of a student's senior year in high school, qualified applicants will attend classes at JWU earning credits for high school and college courses through the Early Enrollment Program (EEP). Students should apply for admission to the Early Enrollment Program during their junior year of high school.\* Students must complete their junior year of study before enrolling in the EEP program.

To be considered for EEP, students need to have

- a minimum 2.75 GPA (B-) and a B- in English
- mid-year junior year grades
- a minimal number of high school classes left to complete to meet graduation requirements

For example, students might have one English class and one or two other classes to take in order to graduate.

Requirements and equivalent JWU courses will be determined by the student's high school counselor and JWU as outlined within the EEP agreement.

\* International students on an F-1 visa are not eligible for the Early Enrollment Program.

## Honors Program

The Honors Program offers opportunities to academically talented day program students seeking bachelor's degrees to explore challenging and stimulating courses. Students are invited to apply during the Admissions process if they have taken a college prep curriculum, maintained a grade point average of 3.50 or higher, and placed in the top 20 percent of their high school graduating class.

Students can also apply to the Honors Program after their first semester if they have a 3.6 GPA and a faculty recommendation.

Honors students enroll in honors-designated courses in the Arts & Sciences Core Experience, including smaller, student-centered honors seminars and research courses. The Honors Program culminates in a traditional honors thesis or approved research project. These experiences provide students the opportunity to work closely with some of the university's most dedicated and accomplished faculty, join a community of academically motivated students, and pursue original and individually directed study.

Students who participate in the Honors Program can graduate with one of three Honors designations:

1. Chancellor's Honors Scholar (24 credits of Honors courses including 6 credits of research)
2. President's Honors Scholar (18 credits of Honors courses including 6 credits of research)
3. Provost's Honors Scholar (12 credits of Honors courses including 6 credits of Honors-designated courses at the 2000-level or higher and 6 credits of research)

A 3.6 GPA or higher is required to graduate with an Honors Scholar distinction.

Further information about Honors Program curriculum, advising and policies is available at the Honors Program website.

### Transfer Students

Transfer students may enter the Honors Program in their first semester by providing documentation of Honors Program enrollment at their former institution and a GPA of 3.5 or higher at the time of their acceptance to Johnson & Wales University.

Contact the Honors Program director on your campus for application details.

## Admissions Requirements

### Undergraduate

For undergraduate admissions requirements, please see a campus catalog.

### On-Ground Graduate Programs

#### Graduate

To be considered for admission into any JWU graduate degree program, the following documents must be submitted:

1. A completed graduate application for admission
2. Official or certified transcripts/mark sheets from all institutions attended, including proof of bachelor's degree and master's degree (if applicable) conferral. Transcripts issued to a student are not considered official unless in an unopened university envelope. When a graduate program application is submitted prior to completing requirements for the bachelor's degree, Graduate Admissions will consider the application and, if admissible, will offer an acceptance pending submission of final transcript verifying bachelor degree conferral. **Without such verification, students may not be allowed to register for the current semester or continue enrollment, and will be in jeopardy of losing their academic status with the university.**
3. Statement of Purpose: an essay explaining your motivation, aptitude and goals related to graduate-level study
4. Letters of recommendation. Most graduate programs at JWU require two letters of recommendation. Recommendations should be from

individuals qualified to attest to the applicant's potential for success at the graduate level of study.

5. Current résumé or CV

6. Additional admissions requirements, if applicable. Please refer to the program table below for specific additional requirements by program.

Note: All programs listed in the table below are available to qualifying students at JWU's Providence Campus. The ABSN Accelerated Bachelor of Science in Nursing is also offered at the Charlotte campus. The minimum grade point average (GPA) and additional requirements for each program are also noted in the table.

Students who do not meet the minimum GPA requirements of any graduate program as indicated below may be given consideration for admittance to the program desired if acceptable GMAT/GRE scores are also submitted.

#### Conditional Acceptance

Conditional acceptance to certain graduate programs may be extended to domestic students who are at least 24 years of age, have a 2.41–2.84 cumulative undergraduate grade point average, and demonstrate significant evidence of professional success. Students granted conditional acceptance may take a maximum of three JWU graduate courses (students may not enroll in two 8-week courses at the same time). If an overall GPA of 3.0 is earned in the first conditional semester, the student will be granted full admission to that program. Students who do not earn an overall GPA of 3.0 will be dismissed from the program and will not be accepted to any JWU graduate program.

Please note that the programs marked with an (\*) asterisk below will accept students under conditional acceptance.

Program Selection	Min GPA	Required Degree	Additional Requirements
<b>MBA PROGRAMS</b>			
			All MBA programs require Foundations courses. These courses are waived if the applicant has a bachelor's business degree from a program with a Business Accrediting agency (such as IACBE, AACSB, ACBSP). Those without such a degree will be required to take the two foundations courses or opt to take a qualifying exam at their own expense. Depending on the exam score, applicants may be exempt from one or both of the foundation courses.
MBA — One-Year Program	2.85	Business (B.S.) or a business-related program (e.g., Hospitality)	
General MBA*	2.85	Bachelor's degree in any major	
MBA with Accounting concentration*	2.85	Bachelor's degree in any major; Accounting major preferred	

MBA with Data Analytics concentration	3.0	Bachelor's degree in IT related field preferred	
MBA with Event Leadership concentration**	2.85	Bachelor's degree in any major	
MBA with Finance concentration*+	2.85	Bachelor's degree in any major	
MBA with Hospitality concentration*	2.85	Bachelor's degree in any major	
MBA with Human Resource Management concentration*	2.85	Bachelor's degree in any major	
MBA with Marketing concentration*	2.85	Bachelor's degree in any major	
MBA with Operations and Supply Chain Management concentration**	2.85	Bachelor's degree in any major	
MBA with Organizational Leadership concentration*+	2.85	Bachelor's degree in any major	
MBA with Organizational Psychology concentration*+	2.85	Bachelor's degree in any major	
MBA with Sport Leadership concentration**	2.85	Bachelor's degree in any major	

**MASTER OF PUBLIC HEALTH PROGRAM**

Public Health (MPA)	3.0	Bachelor's in any major; health-related major preferred.	OR a 2.6 gpa with at least 5 years of related work experience will also be considered
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**MASTER OF SCIENCE PROGRAMS**

Addiction Counseling (M.S.)	2.85	Any B.S. or B.A. degree	2 letters of recommendation; Statement of Purpose; interview required. Completion of these undergraduate courses with a grade of C or better: General Psychology, Abnormal Psychology, and Statistics or Research Methods (JWU courses: PSYC1001, PSYC2002, and MATH2001 or RSCH2050)
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Clinical Mental Health Counseling (M.S.)	2.85	Any B.S. or B.A. degree	2 letters of recommendation; M.S. Counseling Statement of Purpose; interview required. Completion of these undergraduate courses with a grade of C or better: General Psychology, Abnormal Psychology, and Statistics or Research Methods (JWU courses: PSYC1001, PSYC2002, and MATH2001 or RSCH2050)
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Clinical Nutrition and Dietetics (MSCND)	3.0	Bachelor's degree in any major; Nutrition major preferred	All applicants must apply through DICAS (Dietetic Internship Centralized Application System)
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Cybersecurity (M.S.)+	3.0	Bachelor's degree in any major; IT-related major preferred	
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Data Analytics (M.S.)	3.0	B.S. degree in any major; IT-related major preferred	
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Food, Innovation and Technology (M.S.)	2.85	Bachelor's degree in any major	Completion of LAW2001 or equivalent with a grade of C or better.
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Global Tourism and Sustainable Economic Development (M.S.)*	2.85	Bachelor's degree in any major	
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Physician Assistant Studies (M.S.P.A.S.) (June start only)	3.0	B.S. or B.A. degree	All applicants must apply through CASPA (Centralized Application Service for Physician Assistants) before the March 1 deadline.
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**EDUCATION PROGRAMS (FALL START ONLY)**

M.A.T. — Master of Arts in Teaching, with Business Education/ Secondary Education concentration	2.75	Bachelor's degree in any major	Evidence of content knowledge in specific teaching field; 2 disposition reference forms; interview required; criminal background check required
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M.A.T. — Master of Arts in Teaching, with Culinary Arts Education concentration	2.75	Bachelor's degree in any major	Evidence of content knowledge in specific teaching field; 2 disposition reference forms; interview required; criminal background check required
M.A.T. — Master of Arts in Teaching, with Elementary Education/Elementary Special Education concentration	2.75	Bachelor's degree in any major	Evidence of content knowledge in specific teaching field; 2 disposition reference forms; interview required; criminal background check required
M.Ed. — Teaching and Learning Master of Education	2.75	Bachelor's degree in any major	2 letters of recommendation; documentation of current employment in a pre-K–16 teaching situation; interview required
Educational Leadership (Ed.D.)	3.25	Master's degree in an appropriate field from an accredited institution	3 letters of recommendation; current résumé; interview required

### OCCUPATIONAL THERAPY DOCTORATE (JUNE START ONLY)

Occupational Therapy Doctorate (OTD)	3.0	B.S. or B.A. degree in any major	All applicants must apply through OT-CAS (Occupational Therapy Centralized Application Service) before May 1
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All MBA programs will require that the student take a minimum of 3 courses online.

The MBA with an Accounting Concentration requires a greater number of foundation courses (unless the applicant has an undergraduate degree in accounting).

Official transcripts should be mailed to:

Graduate Admissions  
Johnson & Wales University  
8 Abbott Park Place  
Providence, RI 02903

Transcripts and test scores must be originals, official, or certified true copies by a university official. Official transcripts must be from an accredited institution and submitted electronically from that/those institution(s) to JWU or delivered in a sealed envelope with the appropriate university seal or signature. Transcripts issued to students are not considered official.

Letters of recommendation, resume and Statement of Purpose should be uploaded through the applicant portal.

International students, please review International Admissions Requirements (p. 347) for masters and doctoral programs.

### Non-degree/Extension Graduate Admission

In some cases students may wish to take a few graduate-level classes without matriculating into a JWU degree program. To be considered for Non-degree Admission, the following documents must be submitted:

1. A completed graduate application for admission with the non-degree/extension program selected.
2. An official transcript from the college or university showing the applicant's bachelor's degree conferral.

Please note the following policies regarding non-degree enrollment at JWU:

Extension students (also called "non-degree" or "non-matriculating") are those who are not enrolled in a degree-earning program. These students register for courses on a space available basis.

If space is available, undergraduate students may register for a maximum of 18 credits and graduate students may register for a maximum of three graduate courses, excluding doctoral courses, without applying for degree status in an eligible program. Non-degree students attempting to satisfy prerequisite/certification requirements may be permitted to register additional credits/courses. Undergraduate students not meeting prerequisite requirements for a course should contact their assigned academic advisor to discuss waiving the prerequisite. Graduate students must obtain permission from the dean to enroll in a course that requires a prerequisite that the student has not completed.

Extension students are not eligible to receive federal, state or institutional financial aid and are subject to the Tuition and Fees policy. Students taking an undergraduate-level course will be charged the same rate as an undergraduate online course in the College of Professional Studies. Graduate-level courses will be charged graduate rates.

Students subsequently wishing to enroll in a degree program must apply through Admissions (p. 346) and will be subject to the university's current admissions requirements. If accepted into a degree program, the student will follow the curriculum specified in the catalog at the time they are accepted and are responsible for all courses prescribed in that program, regardless of previously waived prerequisites.

### Postbaccalaureate Pre-Medical & Pre-Health Professions Program

The Postbaccalaureate Pre-Medical & Pre-Health Professions Program offers students who already have undergraduate degrees with the opportunity to take prerequisite courses for medical, nursing, dental, veterinary, physician assistant, physical therapy, occupational therapy, and other graduate programs.

This program is designed for students who have already earned a bachelor's degree but require all or some of the prerequisite courses for health-related schools and graduate programs. The duration of the program depends on a student's individual goals. In order to obtain a certificate of program completion, students complete a minimum of 22 credits in health-related courses, with up to four transfer credits accepted from work completed at another institution. Additional credits may be required for application to specific target programs. Students who meet the eligibility requirements (including certificate completion as well as the minimum GPA and all course prerequisites of their target graduate program) receive a holistic transcript evaluation and letter, based on graduate program readiness evaluations completed by faculty members. Additional letters of recommendation may also be provided at the discretion of a student's instructors. All students enrolled in the program are provided the same one-on-one advising, tutoring, academic support, and professional mentoring that comes with a Johnson & Wales University education.

Applicants who intend to take the entire certificate program should apply through PostbacCAS system.

Applicants who intend to take a few classes but not the entire certificate should apply to JWU as a non-degree student.

### Education Programs

**M.A.T.** – This program is a "career changer" degree designed for students who have a bachelor's degree in another field who want to become certified to teach.

**M.Ed.** – This program is a degree designed for currently practicing teachers who wish to improve their teaching skills and/or advance their career in education.

**Ed.D. Program** — This program is a doctorate degree designed for current teachers and administrators who want the skills necessary to become educational leaders. Students may pursue one of two tracks: Elementary/Secondary or Higher Education. To be considered for acceptance into the Ed.D. program, applicants must possess a master's degree along with the minimum GPA and additional requirements stated in the table above; recommendation letters are also required.

#### **Program Requirements**

To satisfy program requirements and receive the Ed.D. degree, each student must successfully

1. Complete 60 credit hours (48 hours of coursework and 12 hours of dissertation work, which forms the basis for the dissertation).
2. Maintain a cumulative grade point average of at least 3.25.
3. Maintain continuous enrollment, even during dissertation work.
4. Successfully complete the comprehensive assessment.
5. Submit a dissertation proposal within 18 months of completion of coursework.
6. Complete all program requirements within six academic years from the initial date of matriculation.

Note: For a valid reason, the Educational Leadership program director may extend deadlines.

In addition, students must have a computer that connects through a high-speed internet connection. A hybrid method of teaching utilizes asynchronous instruction. All communication to students from the university will be conducted through the university email system, and students are required to use and check this account on a regular basis.

A student becomes an official candidate for the degree upon successfully completing all courses, passing the Comprehensive Assessment, and receiving formal approval of the dissertation proposal.

#### **Pre-Master's Program**

The Pre-Master's Program at Johnson & Wales University is designed for outstanding **international students** who have completed a three-year bachelor's degree in countries where the three-year bachelor's degree is considered the dominant degree in specific areas of study, and where such degree does not equate to a four-year U.S. degree.

The program provides qualified three-year degree holders the opportunity, through a Pre-Master's schedule of undergraduate courses, to equate their education to a four-year U.S. bachelor's degree while fulfilling master's program prerequisites.

Students who successfully complete the Pre-Master's program with a GPA of 3.0 on a scale of 4.0 will enroll directly into their selected MBA or M.S. program.

#### **Eligibility**

The Pre-Master's Program is offered only at the Providence Campus.

Applicants to the Pre-Master's Program must hold a three-year bachelor's degree from a recognized institution.

Candidates must successfully complete the English as a Second Language program prior to matriculation into the Pre-Master's Program if they do not submit a passing score on the language proficiency test as stated under the English Proficiency Requirements (p. 348).

#### **Application Procedure**

Please refer to the International Graduate Admissions Requirements. (p. 348) Please note: Students accepted to the Pre-Master's Program cannot transfer to the MBA or M.S. program without first completing all Pre-Master's Program requirements.

#### **Course Requirements**

This program requires that a minimum of 10 undergraduate courses be taken by the student at Johnson & Wales University. The courses generally take place on the Downcity Campus, through the John Hazen White College of Arts & Sciences and College of Business.

Course substitutions of higher-level subjects and electives in a comparable discipline may be approved based on previous study, but no exemptions will be made which result in a reduced number of required courses. Course registration for Pre-Master's students will be done through Student Academic Services.

## **Online Programs**

### **Overview**

Applications for online undergraduate programs are accepted from new students and JWU alumni. Graduation from high school or equivalent education (p. 346) is required for admission to online undergraduate programs. In addition, undergraduate applicants must have two years of full-time work experience beyond the date of high school completion. Several of the online bachelor's programs also require attainment of an associate degree from an accredited institution.

Applications for online graduate programs are accepted from new students and JWU alumni who hold bachelor's degrees.

Additional admissions requirements for each degree program are detailed in the undergraduate and graduate sections.

### **Undergraduate**

#### **Baking & Pastry Arts and Food Service Management (B.S.) and Culinary Arts and Food Service Management (B.S.)**

All Baking & Pastry Arts and Food Service Management and Culinary Arts and Food Service Management online bachelor's degree program students must meet the following requirements:

- All associate degree general study requirements must be met.
- Applicants must present a national certification recognized by the Conference for Food Protection with a test examination date within five years to fulfill graduation requirements. Students who do not have this certification will be required to obtain it to meet graduation requirements.
- Applicants who earned associate degrees more than 10 years ago must also submit a cover letter and résumé that demonstrates how they have kept their baking and pastry or culinary (as applicable) skills and knowledge current during that time. Applications will be reviewed for applicability of current skills and knowledge to the degree program.

#### **Applicants with Baking & Pastry Arts Associate Degrees from Institutions Other than JWU**

Applicants who have earned associate degrees from an institution other than JWU must have completed a minimum of 180 hours of baking in their associate degree program with courses covering the following: classic pastries, pies and tarts, cookies, cakes, plated desserts, bread baking, cake decorating, cost control and menu planning.

#### **Applicants with Culinary Arts Associate Degrees from Institutions Other than JWU**

Applicants who have earned associate degrees from an institution other than JWU must have completed a minimum of 180 hours of cooking in their associate degree program with courses covering the 12 cooking techniques: boiling, simmering, steaming, poaching, braising, sautéing, grilling, broiling, deep-frying, shallow-frying, roasting and baking, and a cost-control and menu-planning course.

#### **Business Studies (B.S.)**

Applicants to the Business Studies online bachelor's degree program must have earned an associate degree from an accredited institution prior to applying for admission to the bachelor's degree program.

#### **Food & Beverage Entrepreneurship (B.S.)**

Applicants to the Food & Beverage Entrepreneurship online bachelor's degree program must have earned an associate degree in Culinary Arts or Baking & Pastry Arts from an accredited institution prior to applying for admission to the bachelor's degree program.

#### **All Other Bachelor's Degrees**

Applicants to any online bachelor's degree program not listed above must have successfully completed high school or equivalent education (p. 346) prior to applying for admission to the program. In addition, applicants must have completed two years of full-time work experience beyond the date of high school completion.

### **Graduate**

Prior to being considered for admission into an online JWU graduate program, the following must be submitted:

1. A completed application for admission
2. Official or certified transcripts from all institutions attended, including bachelor's and master's degree conferral (if applicable). When a graduate program application is submitted prior to completing requirements for the bachelor's degree, Online Admissions will consider the application and, if admissible, will offer an acceptance pending submission of final transcript verifying bachelor's degree conferral. Without such verification, students will not be allowed to register for the current semester or continue enrollment, and will be in jeopardy of losing their academic status with the university.
3. Statement of Purpose: An essay explaining your motivation, aptitude and goals related to graduate-level academic study
4. Two letters of recommendation from individuals qualified to attest to the applicant's potential for success at the graduate level of study. A Personal Reference Form may be substituted for the letters of recommendation.
5. A current résumé or CV (required for applicants for conditional acceptance; optional for other applicants)

The letters of recommendation and Statement of Purpose may be emailed (online@admissions.jwu.edu) or faxed to 401-598-4553.

Note: All programs listed in the table below are available to qualifying students through JWU's College of Professional Studies. The minimum grade point average and additional requirements for each program are also noted.

Students who do not meet the minimum GPA requirements of any online graduate program (excluding Accelerated Master's) as indicated below may be given consideration for admittance to the program desired if acceptable GMAT/GRE scores are also submitted.

#### Conditional Acceptance

Conditional acceptance to certain graduate business programs may be extended to domestic students who are at least 24 years of age, have a 2.41–2.84 cumulative undergraduate grade point average, and demonstrate significant evidence of professional success. Students granted conditional acceptance may take a maximum of three JWU graduate courses (students may not enroll in two 8-week courses at the same time). If an overall GPA of 3.0 is earned in the first conditional semester, the student will be granted full admission to that program. Students who do not earn an overall GPA of 3.0 will be dismissed from the program and will not be accepted to any JWU graduate program.

Please note that the programs marked with an (\*) asterisk below will accept students under conditional acceptance.

Program Selection	Min GPA	Required Degree	Additional Requirements
<b>MBA PROGRAMS</b>			
All MBA Programs/ Concentrations*	2.85	Bachelor's degree in any major	All MBA programs require Foundations courses. These courses are waived if the applicant has a bachelor's business degree from a program with a Business Accrediting agency (such as IACBE, AACSB, ACBSP). Those without such a degree will be required to take the two foundations courses or opt to take a qualifying exam at their own expense. Depending on the exam score, applicants may be exempt from one or both of the foundation courses.
<b>MASTER OF PUBLIC ADMINISTRATION PROGRAMS</b>			
M.P.A. General*	2.85	Bachelor's degree in any major	
M.P.A. with Criminal Justice Concentration*	2.85	Bachelor's degree in criminal justice or business field	
M.P.A. with Homeland Security Concentration	2.85	Bachelor's degree in any major	
M.P.A. with Human Resource Management Concentration	2.85	Bachelor's degree in any major	
M.P.A. with Nonprofit Management Concentration*	2.85	Bachelor's degree in any major	
<b>MASTER OF SCIENCE PROGRAMS</b>			
Criminal Justice (M.S.)*	2.85	Bachelor's degree in criminal justice or business	
Data Analytics (M.S.)*	3.00	Bachelor's degree in any major	
Engineering Management (M.S.)*	2.85	B.S. degree in science, technology, engineering, math or business	
Finance (M.S.)*	2.85	Bachelor's degree in any major	

Food Safety (M.S.)*	2.85	Bachelor's degree in any major	
Hospitality Management (M.S.)*	2.85	Bachelor's degree in any major	
Human Resource Management (M.S.)*	2.85	Bachelor's degree in any major	
Nonprofit Management (M.S.)*	2.85	Bachelor's degree in any major	
Nutrition (M.S.)*	2.85	B.S. degree in nutrition or related field	Related fields are defined as: Exercise Physiology, Nursing, Pharmacy, Physical Therapy, Health Sciences, Kinesiology, Microbiology, Physician's Assistant. Students without the appropriate background must take NUTR5010 and NUTR5020.
Organizational Psychology (M.S.)*	2.85	Bachelor's degree in any major	If B.S./B.A. degree is not in psychology, students must complete the following courses before being accepted into the program: PSYC1001 – Introductory Psychology, Either UG research methods or statistics (RSCH2050 Workshop in Acquiring Social Research Skills, RSCH3830 Undergrad Research Experience, MATH2001 Statistics I, MATH2010 Intro to Biostatistics)

DOCTORAL PROGRAMS

Doctor of Business Administration (DBA) 3.00

Master's degree with a concentration in business or a business-related field

5 years of management or industry leadership experience, or equivalent as a business educator; a résumé or CV tailored to DBA application specifications; participation in a video-conference interview. If an applicant's master's level program is not in a business-related field, an additional 3 years of management experience is required.

\* These programs will accept students under conditional acceptance.

## Technical Standards

### College of Food Innovation & Technology

To participate in any program in the College of Food Innovation & Technology, each student, with or without reasonable accommodations, **must be able to safely and effectively:**

- participate in industry-relevant, physically taxing activity for up to six continuous hours, often standing and maneuvering in laboratory classes, dining rooms and industry-related facilities.
- lift and transport a minimum weight of 25 pounds, including trays of food and beverages to serve and clear guest tables.
- use knives and commercial cooking utensils, and operate commercial food service equipment to achieve production and course objectives.
- perform multiple-step procedures to produce recipes/formulas and industry-relevant tasks within a designated time frame.
- produce and evaluate the quality of all food and beverage products using sufficient sensory abilities (visual, auditory, touch, and olfactory).
- handle and work with an extensive list of food and beverage items, including common allergens, within an educational environment (Please refer to the Policy and Procedures Regarding Allergens (pdf)(137 KB) for more information).
- handle and utilize commercial cleaning and sanitizing equipment and materials.
- communicate professionally and appropriately with faculty, staff, fellow students, and guests in relevant industry and educational settings and within the university community.
- demonstrate professionally appropriate behaviors, maintain balanced demeanor and attitude, accept constructive critique, and if necessary, demonstrate the ability to respond by modifying behavior.
- operate in a lab environment in a safe fashion that does not pose an unreasonable risk to self, students, faculty, and others present during educational experiences.
- demonstrate the ability to professionally cope with situations that may be physically, emotionally and/or intellectually stressful and adapt and display the flexibility in a changing environment while in an educational setting.

The foregoing technical standards are essential to all programs of instruction in the College of Food Innovation & Technology and also reflect industry requirements and standards.

*As a student taking classes offered by the College of Food Innovation and Technology (CFIT) or other classes involving baking, cooking, or work with foods, liquids, and kitchen appliances, you should be aware of possible risks. Such risks include, but are in no way limited to, minor injuries to severe injuries,*



up to and including death. Maintaining health and safety practices can help minimize the risks but cannot entirely eliminate them. The risks include but are not limited to injuries from: burns and fires; cuts from broken glass, knives, and other appliances; chemicals; loose clothes and hair getting trapped in an appliance or catching fire; slips and falls; spread of bacteria through unsanitary food storage or unsanitary use of cleaning and other products; and strains from carrying heavy or sharp items. It is imperative that students in CFIT labs take all reasonable health and safety precautions to avoid injury to self and others.

## College of Hospitality Management

### Sports, Entertainment, Event — Management

To participate in this program, each student, with or without reasonable accommodations, must be able to safely and effectively

- communicate appropriately with faculty, staff, fellow students, university guests and customers, in person and by telephone and email
- input data into and retrieve data from a computer
- complete job responsibilities on both day and night shifts

### Tourism & Hospitality Management

To participate in this program, each student, with or without reasonable accommodations, must be able to safely and effectively

- communicate appropriately with faculty, staff, fellow students, university guests and customers, in person and by telephone and email
- input data into and retrieve data from a computer
- travel by standard commercial carriers, including airlines, to international destinations, which may not meet US ADA specifications
- carry out tour guide responsibilities (e.g., leading groups to access museums and outdoor tourism destinations, hotels and restaurants) at international destinations, which may not meet US ADA specifications
- complete job responsibilities on both day and night shifts

### Hotel & Resort Management

To participate in this program, each student, with or without reasonable accommodations, must be able to safely and effectively

- communicate appropriately with faculty, staff, fellow students, university guests and customers, in person and by telephone and email
- input data into and retrieve data from a computer
- travel by standard commercial carriers, including airlines, to international destinations, which may not meet US ADA specifications
- participate in tours of restaurants and hotels, and tourism at international destinations, which may not meet US ADA specifications
- complete job responsibilities on both day and night shifts

### Food & Beverage Industry Management

To participate in this program, each student, with or without reasonable accommodations, must be able to safely and effectively

- communicate appropriately with faculty, staff, fellow students, university guests and customers, in person and by telephone and email
- input data into and retrieve data from a computer
- complete job responsibilities on both day and night shifts
- participate in industry-relevant activity for up to six continuous hours, often standing and moving in laboratory classes
- lift and transport a minimum weight of 25 pounds
- safely and quickly maneuver in commercial kitchens, dining rooms and industry-related facilities
- lift and transport trays of food and beverages, and serve and clear guest tables
- use knives and commercial cooking utensils, and operate commercial food service equipment
- produce and evaluate the quality of all food and beverage products
- handle and utilize commercial cleaning and sanitizing equipment and materials
- complete physical tasks in a timely manner
- perform multiple-step procedures to produce recipes/formulas and perform industry-relevant tasks within a designated time frame

The foregoing technical standards are essential to the programs of instruction in the College of Hospitality Management and also reflect industry requirements and standards.

## College of Arts & Sciences

### Animal Science

To participate in the Animal Science program, each student, with or without reasonable accommodations, must be able to safely (including the safety of the animal, where applicable) and effectively

- have proof of current, adequate medical and hospitalization insurance
- wear footwear that completely encloses the foot and is designed specifically for working around farm animals
- understand and readily respond to audio cues while working with farm animals
- lift, handle and transport animal-related equipment up to 30 pounds for a distance of up to 30 feet
- sustain contact with animals and work in an environment where animal-related allergens are present
- perform all tasks mentioned above without losing balance, falling or becoming dizzy, light-headed or faint

### Equine Science

To participate in the Equine Studies program, each student, with or without reasonable accommodations, must be able to safely (including the safety of the horse, where applicable) and effectively

- have proof of current, adequate medical and hospitalization insurance
- wear footwear that completely encloses the foot and is designed specifically for working around horses
- understand and readily respond to audio cues while working with horses
- properly handle standard grooming equipment including, but not limited to, curry combs, hard and soft brushes, sweat scrapers, mane combs and braiding equipment
- bend over, lift and hold a horse's hoof long enough to allow proper examination or cleaning of the hoof
- put a halter and bridle on a horse without assistance and lead
- lift, handle and transport horse-related equipment up to 30 pounds for a distance of up to 30 feet
- sustain contact with horses and work in an environment where dust, hay, grasses and other allergens are prevalent
- perform all tasks mentioned above without losing balance, falling or becoming dizzy, light-headed or faint

The foregoing technical standards are essential to the programs of instruction in Equine Science and also reflect industry requirements and standards.

## College of Health & Wellness

Please see the appropriate link for information about technical standards for programs in the College of Health & Wellness.

Exercise & Sports Science Program Technical Standards

Accelerated Bachelor of Science in Nursing (ABSN) Technical Standards

Occupational Therapy Doctorate (OTD) Technical Standards

Physician Assistant Studies (M.S.P.A.S.) Technical Standards

## Articulation Agreements

Johnson & Wales University is proud to offer articulation agreements. Please see the appropriate page for more information.

## International Articulation Agreements

Johnson & Wales University is proud to maintain a variety of international relationships through articulation agreements and transfer equivalencies with institutions and programs that facilitate student transfer to JWU for bachelor's degree completion. The university is continuously working to develop partnerships with institutions around the world for the purpose of offering diverse educational opportunities for transfer students. Please note that not all majors are offered at every campus, which may affect articulation agreement eligibility. Contact Admissions at the specific campus for more information.

# Financing Your Degree

This section of the catalog contains information on tuition and fees, financial policies and obligations, financial aid and payment options. There is also information on loans, grants, scholarships and work programs for eligible students depending on campus and degree program.

## Academic Progress

### Satisfactory Academic Progress

To be eligible for federal and state financial aid, all students must satisfy Satisfactory Academic Progress (SAP), which is required by federal law. SAP measures a student's completion of coursework toward a degree. JWU evaluates SAP at the end of each semester, including summer, for each student. Students who do not meet all SAP criteria may lose their eligibility to receive federal and state financial aid. Students will be notified of the decision both verbally and in writing.

### Maximum Time Frame Criteria

Completion of undergraduate or graduate programs cannot exceed 150 percent of the published length of the program measured in credit hours attempted, as determined by the student's program requirements.

### Pace Measure of Academic Progress Criteria

- Students must complete a specified percentage of all credit hours attempted (see below).
- This percentage includes all credit hours attempted regardless of whether or not financial aid was received.
- This pace measurement is calculated by dividing the cumulative number of hours that the student has successfully completed by the cumulative number of hours that the student has attempted.
- Credits attempted are defined as all classes for which a student receives a grade (D or better), or an F, I, W, WP, WF, NC, GP, S, U, PL, CX, NG, AU, etc.
- All transfer credit hours accepted from another institution toward the student's educational program at JWU will be counted as both attempted and completed hours.
- The student's GPA and pace of completion are negatively impacted by course incompletes, withdrawals, failures or repetitions (incompletes, failures and withdrawals count in attempted credits, but not completed).

### Grade Point Average Criteria

- All undergraduate and graduate students must maintain a minimum Grade Point Average (GPA).
- The student's cumulative GPA for financial aid eligibility must be calculated on all grades received.
- All students, regardless of their enrollment status (e.g., full or part time), must meet the following minimum academic standards to remain eligible for financial aid.

Program	Total Credit Hours Attempted	Minimum Cumulative Pace	Minimum Cumulative GPA
Undergraduate	0–18	45%	1.00
Undergraduate	18.1–36	50%	1.26
Undergraduate	36.1–71.9	60%	1.50
Undergraduate	72 or higher	67%	2.00
Undergraduate Certificate	0 or higher	67%	2.00
Graduate	0 or higher	67%	2.00
Occupational Therapy Doctorate	0 or higher	67%	3.00
Doctor of Business Administration	0 or higher	67%	3.00
Doctor of Education	0 or higher	67%	3.25

### Warning Period

Students who fail to meet SAP criteria will be placed on financial aid warning for one academic semester and a hold will be placed on the student's record, which will prevent them from course registration for all future semesters. Students remain eligible for financial aid during the warning semester. If SAP criteria are not satisfied at the end of the warning semester, the student will

be ineligible for federal and state financial aid. Students on warning must meet with their assigned academic advisor to clear the hold prior to course registration, and/or to pursue an appeal. Students on warning must submit their appeal and supporting documentation no later than the 11th week of the warning semester. Students that withdraw or fail any credits during their warning semester will be ineligible for an appeal.

### Ineligible for Financial Aid Period

Students who fail to meet SAP criteria after the warning period are ineligible for federal and state financial aid (this includes all veteran's benefits). If the student does not have an approved appeal, the student is no longer eligible for financial aid. Students may continue to take courses without federal and state financial aid to re-establish SAP standards; however, a payment plan must be established for the tuition and applicable fees associated with the course(s). Once a student is meeting JWU's minimum SAP standards, the student may regain federal and state financial aid eligibility. Students who are interested in reestablishing aid eligibility should meet with their assigned academic advisor to determine what they would need to do to meet JWU's minimum SAP standards.

### Appeal Process/Probationary Period

If extenuating circumstances impacted successful adherence to SAP criteria, the student may pursue an appeal. The appeal will require the student to indicate why they did not make SAP and what has changed in the student's situation that will allow the student to demonstrate SAP by the next semester. Circumstances and required documentation are illustrated below. The appeal process begins with the student's academic advisor. The student should be able to meet the SAP standards by the end of the next semester; however, based on the appeal, if the student requires more than one semester to meet progress standards, the student can be placed on probation and an appropriate academic plan will be created for the student not to exceed two semesters. If this plan allows the student to meet SAP criteria, the advisor will present it to the appeals committee. Appeals must include complete documentation and are reviewed during the warning period; incomplete appeals will be denied. Appeal decisions are final. Students will be notified of the decision both verbally and in writing. This notification will take place after final grades are reviewed for the warning period.

If an appeal is approved, the student will be placed on a Financial Aid Probation Period, which is a status assigned by JWU to a student who fails to make SAP and who has successfully appealed and has had eligibility for federal and state financial aid reinstated. To continue receiving federal and state financial aid, the student will need to satisfy both the academic plan as outlined in their appeal and the SAP criteria.

Circumstance	Required Documentation
The student's own mental or physical illness or injury or condition	Provide documentation (e.g., a physician's statement, police report or documentation from a third party professional, such as a hospital bill)
Death of a family member or significant person in the student's life	Provide a copy of a death certificate
Illness, accident or injury of a significant person in the student's life	Provide documentation (e.g., a physician's statement, police report or documentation from a third party professional, such as a hospital bill) related to the individual for whom the student provided care or support
The student's own divorce or separation or the divorce or separation of the student's parent(s)	Provide an attorney's letter on a law firm's letterhead, petition for dissolution or copy of divorce decree
Personal problems other than the student's own mental or physical illness or injury or condition with the student's spouse, family, roommate or other significant person in the student's life	Provide a written statement from an attorney, professional advisor or other individual describing the circumstances
Natural disaster	Provide a written statement and/or supporting documentation
Military deployment	Provide active duty service orders

# Financial Aid

For those who qualify, federal financial aid programs are available to U.S. citizens or eligible non-citizens. To assist students in meeting their educational expenses, the federal government offers grants, low-interest loans and work-study. Financial aid is offered on an annual basis and is disbursed in two equal installments (fall and spring). Students interested in financial aid for summer enrollment should contact Student Financial Services on their campus.

Students who register for a course that is not required in their program of study may experience an adjustment/reduction in financial aid. The university cannot offer financial aid for classes that do not count toward a student's degree requirements; therefore, a student's net tuition expense could be higher.

## Undergraduate Financial Aid Programs

Grants, loans and work-study are available to students who qualify based on completion and submission of the Free Application for Federal Student Aid (FAFSA) as described in the How to Apply (p. 365) section. Since financial aid offers are not automatically renewable, students must reapply each year. All financial aid offers are determined based on an academic year (fall and spring semesters). Financial aid offers and federal loan programs are disbursed based on this semester system, which typically equates to two disbursements. All annual offers are posted in two equal amounts, or in some cases fewer, based on the student's entrance date.

## Graduate Financial Aid Programs

Limited grants, loans and work-study are available to students who qualify based on completion and submission of the Free Application for Federal Student Aid (FAFSA) as described in the How to Apply (p. 365) section. Since financial aid offers are not automatically renewable, students must reapply each year. All financial aid offers are determined based on an academic year (fall and spring semesters). Financial aid offers and federal loan programs are disbursed based on a semester system, which typically equates to two disbursements. All annual offers are posted in two equal amounts, or in some cases fewer, based on the student's entrance date.

For more information, please contact Student Financial Services on your respective campus.

## How to Apply

Please see the appropriate section for information regarding how to apply for financial aid.

### Undergraduate

The Free Application for Federal Student Aid (FAFSA<sup>®</sup>) is available online. This form must be completed as soon as possible after October 1.

The information for financial assistance is then processed by the federal processor and sent to Student Financial Services at the university. The FAFSA code for JWU is 003404.

### Verification and Other Documentation

Student Financial Services may request additional documentation to verify information provided on the FAFSA. The student's financial aid offer will not be complete until all requested documentation has been received and reviewed by Financial Aid. All student loan borrowers must complete an entrance and exit counseling session during which students will be advised on their loan obligations as well as a Master Promissory Note (MPN) which explains the terms and conditions of the borrower's federal student loan(s).

### Student Eligibility Requirements

To be eligible for financial aid, the student must meet the following basic eligibility criteria:

1. Be a U.S. citizen or eligible non-citizen.
2. Maintain satisfactory academic progress. (Financial aid will be suspended until satisfactory academic progress is again achieved.)
3. Be enrolled in a degree program or eligible certificate program.
4. Not owe a refund on a Federal Pell Grant, or be in default on a Federal Student Loan or Parent Loan for Undergraduate Students (PLUS).
5. Sign the certification statement on the Free Application for Federal Student Aid (FAFSA<sup>®</sup>) form stating that you are not in default on a federal

student loan, you do not owe money on a federal student grant, and you will only use federal student aid for educational purposes.

6. For most programs, must demonstrate financial need.
7. Have a valid Social Security number (with the exception of students from the Republic of the Marshall Islands, Federated States of Micronesia, or the Republic of Palau).
8. Be enrolled at least half-time to be eligible for Direct Loan Program funds.
9. Show you are qualified to obtain a college education by having a high school diploma or a state-recognized equivalent such as a general educational development (GED) certificate.

Students are eligible to receive financial aid as long as they maintain satisfactory academic progress as defined in this catalog. Students who fail to maintain satisfactory academic progress will be notified by Student Financial Services.

Students may request a review of their financial aid eligibility due to special and/or unique circumstances (e.g., loss of income, change in dependency status based on a unique situation). For additional information please contact your financial planner.

Financial need is the difference between the cost of the student's education (tuition and fees, room and board, books and supplies, transportation and personal expenses) and the total contribution expected from the student and his/her family. The student's total family contribution is based on an analysis of the information which the student and/or parent supplied on the FAFSA. Some of the items considered are total family income, assets, the number of people in the household, and the student's own resources, such as earnings, savings and untaxed income which the student may receive. Johnson & Wales University also considers these items when determining eligibility for university funds.

For additional information regarding eligibility, please visit the Federal Student Aid website.

## Graduate

The Free Application for Federal Student Aid (FAFSA<sup>®</sup>) is available online. This form must be completed as soon as possible after October 1.

The information for financial assistance is then processed by the federal processor and sent to Student Financial Services at the university. The FAFSA code for JWU is 003404.

### Other Documentation

Student Financial Services may request additional documentation to verify information provided on the FAFSA. The student's financial aid offer will not be complete until all requested documentation has been received and reviewed by Financial Aid. All student loan borrowers must complete an entrance and exit counseling session during which students will be advised on their loan obligations as well as a Master Promissory Note (MPN) which explains the terms and conditions of the borrower's federal student loan(s).

### Student Eligibility Requirements

To be eligible for federal aid programs, the student must meet the following criteria:

1. Be a U.S. citizen or eligible non-citizen.
2. Maintain satisfactory academic progress. (Financial aid will be suspended until satisfactory academic progress is again achieved.)
3. Be enrolled in a degree program or eligible certificate program.
4. Not owe a refund on a Federal Pell Grant, or be in default on a Federal Student Loan or Parent Loan for Undergraduate Students (PLUS).
5. Sign the certification statement on the Free Application for Federal Student Aid (FAFSA<sup>®</sup>) form stating that you are not in default on a federal student loan, you do not owe money on a federal student grant, and you will only use federal student aid for educational purposes.
6. Have a valid Social Security number (with the exception of students from the Republic of the Marshall Islands, Federated States of Micronesia, or the Republic of Palau).
7. Be enrolled at least half-time to be eligible for Direct Loan Program funds.
8. Show you are qualified to obtain a college education by having a high school diploma or a state-recognized equivalent such as a general educational development (GED) certificate as well as a college degree.

Students are eligible to receive financial aid as long as they maintain satisfactory academic progress as defined in this catalog. Students who fail to maintain satisfactory academic progress will be notified by Student Financial Services.

For additional information regarding eligibility, please visit the Federal Student Aid website.

## Federal Grants and Loans

Please see the appropriate section for information regarding federal aid.

### Undergraduate

Students who register for a course that is not required for their program of study may experience an adjustment/reduction in financial aid. The university cannot offer financial aid for classes that do not count toward a student's degree requirements; therefore, a student's net tuition expense could be higher.

A student's enrollment in a program of study abroad approved for credit by the home school may be considered enrollment at the home school for the purpose of applying for assistance under the Title IV, HEA program.

### Federal Pell Grant

The Federal Pell Grant is a federally funded entitlement program to assist qualified undergraduate students with exceptional financial need. Eligibility for these grants is determined by the U.S. Department of Education based on the information provided on the FAFSA. Pell recipients can attend at less-than-half-time status and remain eligible for a portion of their Pell Grant. Students with a previous bachelor's degree are not eligible for a Federal Pell Grant.

The maximum, full-time Pell Grant offer for the 2023–24 academic year (July 1, 2023 to June 30, 2024) was \$7,395. The maximum Pell Grant offer can change each academic year and depends on program funding. Further information may be obtained from the U.S. Department of Education.

The amount of Federal Pell Grant funds a student may receive over their lifetime is limited by law to be the equivalent of six years of Pell Grant funding. Since the maximum amount of Pell Grant funding the student can receive each year is equal to 100 percent, the six-year equivalent is 600 percent.

Campus-based financial aid programs, including the Federal Supplemental Educational Opportunity Grant (SEOG) and Federal Work-Study programs, are administered by Johnson & Wales University. Students must annually apply for these programs through the filing of the FAFSA.

### Federal Supplemental Educational Opportunity Grant (SEOG)

This federally funded program provides financial assistance to qualified undergraduate students who demonstrate exceptional financial need. Amounts may vary based on the availability of funds. Students with a previous bachelor's degree are not eligible for SEOG.

### Federal Work-Study Program

Federal Work-Study (work-study) is a federally funded program that provides part-time employment to students with financial need. Due to limited funding, not all eligible students will receive work-study. Amounts may vary based on the availability of funds. Those interested in being considered for work-study are strongly encouraged to apply for financial aid as soon as the Free Application for Federal Student Aid (FAFSA) becomes available on October 1. Positions are available throughout the university and with selected off-campus community service agencies. Should a student not see work-study listed on their financial aid offer and be interested in a work-study position, please contact your financial planner to review eligibility and availability of funds.

Work-study gives students the opportunity to earn money to help pay for educational expenses. Students are paid an hourly rate for actual hours worked. The amount earned cannot exceed the total work-study award. Work-study funds are paid biweekly directly to the student; therefore, funds will not be applied to the student's account unless arrangements are made with Student Financial Services.

### William D. Ford Federal Direct Subsidized Loan

This loan program provides loans to undergraduate students who demonstrate financial need. First-time borrowers are required to complete a Master Promissory Note (MPN) and entrance counseling. The terms of any loan received by a student as part of the student's financial aid offer, a sample

loan repayment schedule for sample loans, and the necessity for repaying loans will be explained in your entrance counseling. The Master Promissory Note and entrance counseling can be completed online.

Students may borrow up to a maximum of \$3,500 per academic year for the first year of undergraduate study as new students, \$4,500 for the second year as sophomores, and \$5,500 per year for the third and fourth years as juniors and seniors. The student must begin repayment six months after he/she leaves the university or drops below half-time status. The amount of the student's monthly payment will be determined based upon the amount of student debt and the length of the repayment period. Please contact the Direct Lending Student Loan Support Center at 1-800-433-3243 for more information on repayment options. The average amount of undergraduate federal loan debt for a student borrower starting as a first-time student and receiving a bachelor's degree for FY2023 is \$28,468. Student borrowers with federal loan debt were 84% of the students receiving bachelor's degrees in FY2023 who started as first-time students at JWU.

### William D. Ford Federal Direct Unsubsidized Loan

Like the Direct Subsidized Loan program, this Direct Unsubsidized Loan program also offers loans to students. While most of the loan terms are the same as the subsidized loan program, there are some major differences:

1. Students do not have to demonstrate financial need to receive a Direct Unsubsidized Loan.
2. The federal government does not pay interest on the borrower's behalf while the borrower is enrolled in school.

During that time, the student borrower can choose between making quarterly interest payments or "capitalizing" interest. "Capitalizing" interest means that the lender will add interest accrued to the principal balance. This will eliminate the need for interest payments while in school, but will result in a larger principal amount owed upon repayment.

### William D. Ford Federal Direct Parent Loan Program for Undergraduate Students (PLUS)

The Direct PLUS Program provides loans to parents of dependent students to attend college. PLUS borrowers do not have to demonstrate need, but must not have an adverse credit history. All students must complete the Free Application for Federal Student Aid (FAFSA) if their parents plan to borrow a PLUS loan. The parent must also complete the Direct PLUS Master Promissory Note (MPN); an MPN can be completed online. In addition, the parent must indicate how much they want to borrow. Repayment of this loan will begin within 30 days of the time the loan is fully disbursed annually, or the borrower can contact the Department of Education to request a deferment. The borrowing limit is the total cost of attendance, minus any financial aid being received.

### Increased Direct Unsubsidized Loan Limits for Independent Students and Dependent Students Whose Parents Don't Qualify for a PLUS

There are higher additional unsubsidized annual loan limits for independent undergraduate students. These higher additional unsubsidized loan limits also apply to dependent undergraduate students whose parents are unable to borrow PLUS loans due to adverse credit or other documented exceptional circumstances.

- \$3,500 combined subsidized and/or unsubsidized plus \$6,000 additional unsubsidized for independent first-year undergraduates
- \$4,500 combined subsidized and/or unsubsidized plus \$6,000 additional unsubsidized for independent second-year undergraduates
- \$5,500 combined subsidized and/or unsubsidized plus \$7,000 additional unsubsidized for independent third-, fourth- or fifth-year undergraduates

### Subsidized and Unsubsidized Total

#### Dependent Undergraduates (Excluding Dependent Students Whose Parents Don't Qualify for a PLUS)

Year	Range
First Year	\$3,500–5,500
Second Year; sophomore	\$4,500–6,500
Third Year and Beyond; junior, senior	\$5,500–7,500

## Independent Undergraduates and Dependent Students Whose Parents Don't Qualify for a PLUS

Year	Range
First Year	\$3,500–9,500
Second Year; sophomore	\$4,500–10,500
Third Year and Beyond; junior, senior	\$5,500–12,500

Note: All undergraduate annual loan amounts are subject to proration.

Please note that students/borrowers remain responsible for the repayment of educational loans that they borrow, even if they are not successful in completing the educational program and/or obtaining employment.

No student is required to apply for, or accept, any particular type of financial aid.

Johnson & Wales University participates in the William D. Ford Federal Direct Loan Program. All Direct Loans and Parent PLUS Loans will be borrowed from the US Department of Education.

Please note that the loan information described in this catalog is based upon the available information as of the date of the production of this catalog. Updated information regarding federal grants and loans may be obtained by visiting the U.S. Department of Education website.

Applications for these loans are available on the Direct Lending website.

Aid from these programs is awarded on the basis of financial need. In order to receive maximum consideration for financial assistance, it is recommended that the student apply as soon as possible after October 1. The award process for first-year students begins soon after the FAFSA becomes available each academic year. Renewal of financial aid is not automatic. Recipients are required to reapply each year by the announced deadline.

To be eligible for these programs, students must meet the following criteria:

For most programs, students must

1. Demonstrate financial need;
2. Maintain satisfactory academic progress (financial aid will be suspended until satisfactory academic progress is again achieved);
3. Be enrolled in an eligible degree or certificate program;
4. Be enrolled on at least a half-time (at least 6.0 semester credit hours) basis (students enrolled on a less-than-full-time basis may have their financial aid reduced; some students enrolled on a less-than-half-time basis may qualify for a Federal Pell Grant);
5. Be a U.S. citizen or eligible non-citizen;
6. Have a valid Social Security number (with the exception of students from the Republic of the Marshall Islands, Federated States of Micronesia, or the Republic of Palau);
7. Not owe a refund on a Federal Student Aid Grant (e.g., Federal Pell Grant, etc.) or be in default on a Federal Student Aid loan; and
8. Sign a Statement of Educational Purpose and a Statement on Overpayments and Defaults.

Students can find additional details regarding eligibility for federal student aid on the U.S. Department of Education's Eligibility for Federal Student Aid website.

Students are eligible to receive federal and state financial aid as long as they maintain Satisfactory Academic Progress (SAP) as defined in the SAP (p. 364) section of the catalog and Student Handbook. Students who fail to maintain SAP will be notified by Student Financial Services. All federal and state financial aid will be suspended until satisfactory academic progress is again achieved.

### Return of Title IV Funds (Federal Aid)

The law specifies how Johnson & Wales (JWU) must determine the amount of Title IV program assistance that students earn if they withdraw from school. The Title IV programs that are covered by this law are Federal Pell Grants, TEACH Grants, Federal Supplemental Educational Opportunity Grants (FSEOGs), Direct Loans, and Direct PLUS Loans (including Graduate PLUS Loans).

Though aid can be posted to accounts at the start of each period, students earn the funds as they complete the period. Students who withdraw during their payment period or period of enrollment are subject to a specific formula to determine the amount of Title IV program assistance that they have earned. Students who received (or JWU received) less assistance than the amount

that they earned may be able to receive those additional funds in the form of a post-withdrawal disbursement. Students who received (or JWU received) more assistance than they earned must return the excess funds.

The amount of assistance earned is determined on a pro rata basis. For example, students who complete 30% of their payment period or period of enrollment earn 30% of the assistance they were originally scheduled to receive. Students who complete more than 60% of the payment period or period of enrollment earn all of the eligible assistance that they were scheduled to receive for that period. The amount of institutional assistance earned is based on the week that the student withdraws from the university and follows the percentage the university credits the student's charges. Specific examples of Return of Title IV Funds (Federal Aid) are available upon request via the JWU Consumer Information page contact.

In certain situations (i.e., module delivery), students may not be subject to returns of their Title IV program assistance if they successfully complete one of the following exemptions:

- all graduation requirements
- a class or multiple classes that comprise at least 49% of the days in the term
- a class or multiple classes that comprise at least half-time enrollment

Students who did not receive all funds earned may be due a post-withdrawal disbursement. If the post-withdrawal disbursement includes loan funds, JWU must receive the student's permission before the university can disburse them. Students may choose to decline some or all of the loan funds so that they don't incur additional debt. JWU may automatically use all or a portion of this post-withdrawal disbursement for tuition, fees, and room and board charges, but will email requesting the consent of the borrower (i.e., the student or parent) to post the funds for all other institutional charges to the student's account.

Some Title IV funds cannot be disbursed once students withdraw because of other eligibility requirements. For example, first-time, first-year undergraduate students who have not completed the first 30 days of their program before they withdraw will not receive any Direct Loan funds that they would have received had they remained enrolled past the 30th day. Federal loans must be certified prior/on the student's last date of attendance.

Students (or JWU or parents on behalf of students) who receive excess Title IV program funds must return a portion of the excess funds equal to the lesser of

- institutional charges multiplied by the unearned percentage of funds, or
- the entire amount of excess funds

JWU must return this amount even if it didn't keep this amount of the student's Title IV program funds. If JWU is not required to return all of the excess funds, students may be required to return the remaining amount.

Students (or parents for a Direct PLUS Loan) will repay any loan funds that must be returned in accordance with the terms of the promissory note. That is, students will not be required to repay any loan funds immediately, but instead, will make scheduled payments to the holder of the loan over a period of time.

Any amount of unearned grant funds that students must return is referred to as an overpayment. The maximum amount of a grant overpayment that students must repay is half of the grant funds received or were scheduled to receive. Students do not have to repay a grant overpayment if the original amount of the overpayment is \$50 or less. Students must make arrangements with JWU or the Department of Education to return the unearned grant funds.

The requirements for Title IV program funds when students withdraw are separate from any refund policy that JWU may have. Therefore, students may still owe funds to JWU to cover unpaid institutional charges. JWU may also charge students for any Title IV program funds that JWU was required to return.

Refer to the University Withdrawal Credit Policy (p. 372) for more information regarding JWU's institutional refund policy.

### Graduate

Students who register for a course that is not required in their program of study may experience an adjustment/reduction in financial aid. The university cannot offer financial aid for classes that do not count toward a student's degree requirements; therefore, a student's net tuition expense could be higher.

A student's enrollment in a program of study abroad approved for credit by the home school may be considered enrollment at the home school for the purpose of applying for assistance under the Title IV, HEA program.

### William D. Ford Federal Direct Unsubsidized Loan

This loan program offers low-interest loans to students who demonstrate little or no financial need. The federal government does not pay the interest on the borrower's behalf while the borrower is enrolled in school. During that time, the student borrower can choose to make quarterly interest payments, or to "capitalize" interest. "Capitalizing" means the lender will add interest accrued to the principal balance. This will eliminate the need for interest payments while in school. Students must complete a Master Promissory Note to receive these loans. Loans made under federal loan programs are applied to the student's account with the university in equal disbursements per semester based on the loan period and the student's entrance date.

Students should check with their financial planner to determine their maximum annual loan amount. Students must begin repayment six months after they leave college or drop below half-time status. The interest on the loan is not subsidized during the student's six-month grace period. The amount of the student's monthly payment will be determined based upon the amount of the student's debt and the length of the student's repayment. The average amount of federal loan debt for a student borrower receiving a graduate degree for FY2023 is \$49,693. Graduate student borrowers with federal loan debt were 66% of the students receiving graduate degrees in FY2023.

Campus-based financial aid programs, including Federal Work-Study programs, are administered by Johnson & Wales University. Students must annually apply for these programs through the filing of the FAFSA.

### Federal Teacher Education Assistance for College and Higher Education (TEACH) Grant

The TEACH Grant Program provides grants of up to \$4,000 a year to students who are completing or plan to complete coursework needed to begin a career in teaching.

Processing fees for federal programs are assessed annually and will reduce the award amount for which a recipient would otherwise have been eligible. For example:

- For any 2023–24 TEACH Grant first disbursed on or after Oct. 1, 2023, and before Oct. 1, 2024, the maximum award of \$4,000 is reduced by 5.7% (\$228), resulting in a maximum award of \$3,772.

As a condition for receiving a TEACH Grant, students must sign a TEACH Grant *Agreement to Serve or Repay* (Agreement) in which they agree (among other requirements) to teach

- in a high-need field;
- at an elementary school, secondary school, or educational service agency that serves students from low-income families; and
- for at least four complete academic years within eight years after completing (or ceasing enrollment in) the course of study for which they received the grant.

**Note:** TEACH Grant recipients who do not meet the requirements of their service obligation will have all TEACH Grants converted to Direct Unsubsidized Loans. Students must repay these loans in full, with interest charged from the date of each TEACH Grant disbursement.

The Department of Education has established a process for certain TEACH Grant recipients whose TEACH Grants were converted to Direct Unsubsidized Loans to request reconsideration of the conversions. TEACH Grant recipients can request a reconsideration if they met or are meeting the TEACH Grant service requirements within the eight-year service obligation period, but had their grants converted to loans because they did not comply with the annual certification requirement.

Students must meet the teaching requirements within eight years of completing the program for which the TEACH Grant was awarded. The student is required to sign a service agreement to this effect and complete all required counseling to receiving a TEACH Grant.

To be eligible for a TEACH Grant, students must do the following:

- Meet the basic eligibility criteria for the federal student aid programs.
- Complete the *Free Application for Federal Student Aid* (FAFSA<sup>®</sup>) form.
- Be enrolled in a TEACH-Grant-eligible program.

- Meet certain academic achievement requirements (generally, scoring above the 75th percentile on one or more portions of a college admissions test or maintaining a cumulative GPA of at least 3.25).
- Receive TEACH Grant counseling that explains the terms and conditions of the TEACH Grant service obligation. TEACH Grant recipients must complete counseling each year that they receive a TEACH Grant.
- Sign a TEACH Grant *Agreement to Serve or Repay* (Agreement).

*Students considering a TEACH Grant should review additional information about the program.*

### Federal Work-Study Program

Federal Work-Study (work-study) is a federally funded program that provides part-time employment to students with financial need. Due to limited funding, not all eligible students will receive work-study. Amounts may vary based on the availability of funds. Those interested in being considered for work-study are strongly encouraged to apply for financial aid as soon as the Free Application for Federal Student Aid (FAFSA) becomes available on October 1. Positions are available throughout the university and with selected off-campus community service agencies. Should a student not see work-study listed on their financial aid offer and be interested in a work-study position, please contact your financial planner to review eligibility and availability of funds.

Work-study gives students the opportunity to earn money to help pay for educational expenses. Students are paid an hourly rate for actual hours worked. The amount earned cannot exceed the total work-study award. Work-study funds are paid biweekly directly to the student; therefore, funds will not be applied to the student's account unless arrangements are made with Student Financial Services.

### Return of Title IV Funds

The law specifies how Johnson & Wales (JWU) must determine the amount of Title IV program assistance that students earn if they withdraw from school. The Title IV programs that are covered by this law are Federal Pell Grants, TEACH Grants, Federal Supplemental Educational Opportunity Grants (FSEOGs), Direct Loans, and Direct PLUS Loans (including Graduate PLUS Loans).

Though aid can be posted to accounts at the start of each period, students earn the funds as they complete the period. Students who withdraw during their payment period or period of enrollment are subject to a specific formula to determine the amount of Title IV program assistance that they have earned. Students who received (or JWU received) less assistance than the amount that they earned may be able to receive those additional funds in the form of a post-withdrawal disbursement. Students who received (or JWU received) more assistance than they earned must return the excess funds.

The amount of assistance earned is determined on a pro rata basis. For example, students who complete 30% of their payment period or period of enrollment earn 30% of the assistance they were originally scheduled to receive. Students who complete more than 60% of the payment period or period of enrollment earn all the assistance that they were scheduled to receive for that period. The amount of institutional assistance earned is based on the week that the student withdraws from the university and follows the percentage the university credits the student's charges. Specific examples of Return of Title IV Funds (Federal Aid) are available upon request via the JWU Consumer Information page contact.

In certain situations (i.e., module delivery), students may not be subject to returns of their Title IV program assistance if they successfully complete one of the following exemptions:

- all graduation requirements
- a class or multiple classes that comprise at least 49% of the days in the term
- a class or multiple classes that comprise at least half-time enrollment

Students who did not receive all funds earned may be due a post-withdrawal disbursement. If the post-withdrawal disbursement includes loan funds, JWU must receive the student's permission before the university can disburse them. Students may choose to decline some or all of the loan funds so that they don't incur additional debt. JWU may automatically use all or a portion of this post-withdrawal disbursement for tuition, fees, and room and board charges, but will email requesting the consent of the borrower to post the funds for all other institutional charges to the student's account.

Some Title IV funds cannot be disbursed once students withdraw because of other eligibility requirements. Federal loans must be certified prior/on the student's last date of attendance.

Students who receive (or JWU receives) excess Title IV program funds must return a portion of the excess funds equal to the lesser of

- institutional charges multiplied by the unearned percentage of funds, or
- the entire amount of excess funds

JWU must return this amount even if it didn't keep this amount of the student's Title IV program funds. If JWU is not required to return all of the excess funds, students may be required to return the remaining amount.

Students will repay any loan funds that must be returned in accordance with the terms of the promissory note. That is, students will not be required to repay any loan funds immediately, but instead, will make scheduled payments to the holder of the loan over a period of time.

Any amount of unearned grant funds that students must return is referred to as an overpayment. The maximum amount of a grant overpayment that students must repay is half of the grant funds received or were scheduled to receive. Students do not have to repay a grant overpayment if the original amount of the overpayment is \$50 or less. Students must make arrangements with JWU or the Department of Education to return the unearned grant funds.

The requirements for Title IV program funds when students withdraw are separate from any refund policy that JWU may have. Therefore, students may still owe funds to JWU to cover unpaid institutional charges. JWU may also charge students for any Title IV program funds that JWU was required to return.

Refer to the University Withdrawal Credit Policy (p. 372) for more information regarding JWU's institutional refund policy.

## State Grants

Students from the following states may be eligible for state grants contingent upon residency and campus location. Please refer to a campus catalog for more information.

- Delaware
- North Carolina
- Rhode Island
- Vermont

Contact the higher education authority in your home state for more information.

## Institutional Aid

Please see the appropriate section for information regarding institutional aid.

### Undergraduate

#### Financial Assistance and Scholarships

Awards range from \$500 to full tuition. Scholarships, grants, loans and federal work programs offered depend on the university budget, and are dependent on students meeting program eligibility requirements. These programs are only available to full-time, undergraduate, day school students during the academic year. Check with Student Financial Services for summer eligibility. Students studying through the College of Professional Studies are eligible for a limited amount of JWU institutional aid based on a set criteria. Note: Scholarship funds are applied to the student's account with the university in two equal disbursements by semester (e.g., a \$3,000 Presidential Academic Scholarship recipient would receive \$1,500 per semester).

Most admission/merit scholarships are renewable for up to four consecutive years of full-time, undergraduate, day school enrollment.

**Important Note:** Student eligibility is based on a maximum total dollar amount of scholarships, grants, awards, prizes and other aid that the university will award to a single student during a given academic year. The maximum amount is determined prior to each year's financial aid awarding process and includes both university-funded and -administered monies. Please contact Student Financial Services for further information regarding this maximum eligibility.

#### Business Professionals of America Scholarship (BPA)

The university offers a number of BPA scholarships to any accepted incoming student ranging from \$2,000 up to \$7,500. Awards are based on BPA activities

and academic record, and are renewable based on continued involvement in and support of BPA. Apply for admission online and indicate membership.

#### Careers through Culinary Arts Program (C-CAP) Scholarship

The university awards renewable scholarships of up to full tuition to accepted incoming students who participate in C-CAP's competition events. Applications are available through C-CAP. All documentation must be submitted to C-CAP and all finalists are selected by C-CAP.

#### Culinary Essentials Scholarship

The university awards a number of \$1,000 renewable scholarships to accepted incoming students who have participated in the Culinary Essentials curriculum. Apply for admission online and indicate your participation. Amount of scholarships awarded for participation in specific high school curricula is limited to one per student.

#### DECA Scholarship

The university awards a number of DECA scholarships to accepted incoming students ranging from \$2,000 up to full tuition. Awards are based on DECA activities and academic record, and are renewable based on continued involvement in and support of DECA. Apply for admission online and indicate membership. The deadline for full tuition scholarship eligibility is January 1, prior to enrollment.

#### Early FAFSA Award

Incoming undergraduate first-year/transfer students who file their FAFSA by March 1 are eligible to receive up to \$1000 non-renewable scholarship. First-year students are eligible for the award, regardless of financial need.

#### Employee Tuition Waiver Benefit

These scholarships are based on institutional policy, with qualifying criteria stated in the Johnson & Wales University staff handbook as well as the faculty manual pay and benefits addendum. Applications are available in Human Resources & Payroll or via the Documents & Forms page of HRpulse.

#### Family, Career and Community Leaders of America (FCCLA) Scholarship

The university awards a number of FCCLA scholarships to accepted incoming students ranging from \$2,000 up to full tuition. Awards are based on FCCLA activities and academic record, and are renewable based on continued involvement in and support of FCCLA activities. Apply for admission online and indicate membership. The deadline for full tuition scholarship eligibility is January 1, prior to enrollment.

#### Family Scholarship

If two or more members of your family are simultaneously enrolled in full-time undergraduate day school degree programs at Johnson & Wales University, each enrolled student is granted as much as a \$2,000 university scholarship per academic year (September–May). Whether this scholarship is renewable is contingent upon continued enrollment of both siblings in an eligible program. For more information, contact Student Financial Services.

#### Future Business Leaders of America (FBLA) Scholarship

The university awards a number of FBLA scholarships to accepted incoming students ranging from \$1,000 up to full tuition. Awards are based on FBLA activities and academic record, and are renewable based on continued involvement in and support of FBLA. Apply for admission online and indicate membership. The deadline for full tuition scholarship eligibility is January 1, prior to enrollment.

#### International Presidential Scholarship

JWU awards academic scholarships to incoming international students who demonstrate academic excellence. These awards vary and are renewable up to four years of full-time, undergraduate day school study. Eligibility is determined during the review of your admission application. For more information about scholarships, contact your JWU representative.

#### Johnson & Wales University Grant

This grant is offered to students upon completion of the Free Application for Federal Student Aid (FAFSA) and is based on the annual financial aid awarding process and the student's financial need.

#### Junior Achievement (JA) Scholarship

The university offers a number of JA scholarships to accepted incoming students ranging from \$1,000 up to \$2,000. Awards are based on JA activities and academic record, and are renewable based on continued involvement

in and support of JA activities. Apply for admission online and indicate membership.

#### **JWU Achievement Award**

The JWU Achievement Award is awarded to incoming first-year students with a high school GPA of 3.0–3.49 at the time of acceptance. Transfer students are ineligible for this scholarship.

#### **JWU Excellence Award**

The JWU Excellence Award is awarded to incoming first-year students with a high school GPA of 3.5 or higher at the time of acceptance. Transfer students are ineligible for this scholarship.

#### **JWU Early Visit Grant**

Incoming undergraduate first-year students who visit a JWU campus prior to December 31 of their senior year of high school are eligible for this up-to-\$1,000 renewable scholarship. First-year domestic and international students are eligible for the award, regardless of financial need.

#### **JWU Residential Experience Grant**

Incoming, domestic, undergraduate, full-time students with exceptional financial need, may receive this grant (amounts may vary per student, per year) while living in university housing. For example, a student who lives on campus for their first three years of enrollment and then decides to reside off campus for their fourth year, will forfeit this grant. International students and students living off-campus are ineligible for these funds. Please note, this grant is applied to tuition cost (not housing or meal costs).

#### **Lodging Management Scholarship**

JWU offers a number of \$1,000 renewable scholarships to accepted incoming students who have participated in the Lodging Management curriculum. Apply for admission online and indicate your participation. Amount of scholarships awarded for participation in specific high school curricula is limited to one per student.

#### **National Academy Foundation (NAF) Scholarship**

The university awards a number of \$1,000 renewable scholarships to accepted incoming students who have participated in a National Academy Foundation program. Apply for admission online and indicate your participation. Amount of scholarships awarded for participation in specific high school curricula is limited to one per student.

#### **National FFA Scholarship**

Johnson & Wales University awards a number of FFA scholarships to accepted incoming students ranging from \$2,000 up to \$7,500. Awards are based on FFA activities and academic record, and are renewable based on continued involvement in and support of FFA. Apply for admission online and indicate membership.

#### **Presidential Academic Scholarships**

JWU awards academic scholarships to accepted incoming students who are in the top third of their class, have a 3.0 high school GPA and demonstrate academic excellence. These awards vary and are renewable up to four years of continuous full-time day school enrollment.

#### **ProStart<sup>®</sup> Scholarship**

JWU offers a number of \$1,000 renewable scholarships for accepted incoming students who have participated in the ProStart curriculum. Apply for admission online. Amount of scholarships awarded for participation in specific high school curricula is limited to one per student.

#### **Segal AmeriCorps Education Award**

JWU will match the Segal AmeriCorps Education Award, dollar for dollar, for those students that completed the program in Providence, Rhode Island. Eligible participants must attend a JWU undergraduate full-time day program at one of our four campuses.

#### **SkillsUSA Scholarship**

The university awards a number of SkillsUSA scholarships to accepted incoming students ranging from \$2,000 up to full tuition. Awards are based on SkillsUSA activities and academic record, and are renewable based on continued involvement in and support of SkillsUSA. Apply for admission online and indicate membership. The deadline for full tuition scholarship eligibility is January 1, prior to enrollment.

#### **Technology Student Association (TSA) Scholarship**

The university awards a number of TSA scholarships to accepted incoming students ranging from \$2,000 up to \$7,500. Awards are based on TSA activities and academic record, and are renewable based on continued involvement in and support of TSA. Apply for admission online and indicate membership.

#### **Transfer Scholarship**

Transfer scholarships are awarded to outstanding, accepted incoming transfer students who plan to continue their education at Johnson & Wales in an associate or bachelor's degree program. These awards vary and are renewable up to four years of full-time, undergraduate day school study. The scholarship application is the application for admission to the university.

#### **Tuition Exchange Scholarship**

Johnson & Wales University extends to children of eligible employees at participating Tuition Exchange (TE) institutions the opportunity to apply for a TE scholarship. TE is a reciprocal scholarship program for qualified children of faculty and staff employed at more than 600 participating colleges and universities. A student accepted as a Tuition Exchange scholarship recipient may be awarded up to full tuition at JWU. Applications are available at the participating institution. A complete list of colleges and universities that are part of the program is available online.

#### **Wildcat Grant**

Incoming, domestic, undergraduate students who are enrolled full-time may receive this grant (up to \$2500 per year) while living in university housing. For example, a student who lives on campus for their first three years of enrollment and then decides to reside off campus for their fourth year, will forfeit this grant. International students and students living off-campus are ineligible for these funds. Please note, this grant is applied to tuition cost (not housing or meal costs).

#### **Funded/Donated Scholarships**

Johnson & Wales University administers donated scholarships which are funded by businesses, individuals and professional organizations. In many cases, students must have completed at least one semester of enrollment at Johnson & Wales to be considered. These funds are awarded to eligible candidates based on established criteria.

View the complete list of JWU scholarships, get more information and download applications online.

## **Graduate**

#### **Pre-Master's Scholarship**

Students who successfully complete the Pre-Master's program with the required minimum 3.0 GPA needed to enter the MBA or M.S. program, will receive a nonrenewable \$2,000 Pre-Master's scholarship awarded over the length of the program. The Pre-Master's program is only offered on the Providence Campus.

## **Outside Scholarships**

There are many other potential scholarship sources that students should consider to help finance their education. Students should contact the higher education assistance agency in their home state for information about the possibility of state grants or scholarships. It is recommended that students apply for outside scholarships as soon as possible since most organizations have early application deadlines.

Scholarship aid is often available from high school and community organizations with which students or their parent(s) may be affiliated. Local libraries are excellent resources for finding information on scholarships from organizations throughout the United States. There are also a number of websites available to assist students in the scholarship search.

All accepted/deposited and current JWU students have access to iGrad and its external scholarship portal. It is **highly** recommended that all students use iGrad for external scholarship searches. You may access this **Scholarship Search tool** in iGrad to find scholarships to help pay for school.

Many companies provide scholarship aid for children of their employees, while others provide aid directly to students who work for them part time while in school.

View the complete list of JWU scholarships, get more information and download applications.



## American Hotel & Lodging Educational Foundation

Scholarship aid is allocated each year by the American Hotel & Lodging Educational Foundation to the College of Hospitality Management. Awards are made on the basis of student intent to work in the hotel industry, cumulative average and need. Sophomores who are continuing their education should contact their faculty advisor for further information. The foundation also offers numerous scholarships for culinary arts majors.

## Work Programs

### Resident Assistant Program

Students are selected for this program based on strong academic performance and residence hall experience. Applications and additional information regarding the program are available at Residential Life.

Note: There are many complex IRS regulations regarding the taxability of scholarships and grants. The university is not in a position to determine the tax consequences of such awards in the case of any particular student. It is recommended that all students consult IRS publication 970 entitled "Tax Benefits for Education" and their tax adviser to determine how these rules apply to them. Nonresident alien students with an F-1, J-1 or Q-1 visa will be subject to U.S. income tax withholding on any grant received for room and board.

**Important notice for international students:** Please be aware that some of the above programs offer a room and board grant for eligible summer participants. Nonresident alien students with an F-1, J-1 or Q-1 visa will be subject to U.S. income tax withholding on any grant received for room and board.

## Financial Obligations

Continued enrollment as a student in good standing and certain other student benefits (diplomas, transcripts, etc.) are conditioned upon being current in all financial obligations to the university, including loans in which the university appears as a holder or guarantor.

## Financial Planning

The university understands that financing an education can be a very complex process for many students. To assist with this process, financial planning counselors are available to work with students and their families on an individual basis to help them best utilize their own funds and other available resources to meet educational expenses.

For more information and assistance, contact Student Financial Services at the campus where you plan to enroll.

Federal financial aid is not available to international students. International students must provide sufficient evidence of financial support to receive an I-20. The university offers scholarships based on academic merit through the admissions process. International students can contact the EducationUSA advising center in their country to learn more about opportunities for financial assistance.

## Components Included in the Cost of Attendance

The following components are included in the university's cost of attendance (COA). COA is divided into two categories: direct costs and indirect costs. Direct costs are items charged directly by JWU such as tuition and fees, housing and meal plans (for those living in campus housing). Indirect costs are items not directly charged by JWU that are expenses the student may have as part of the cost of attending college.

The fees below are the indirect costs that JWU includes as part of a student's COA. These fees are only approximate costs and could be higher or lower depending on the student's needs. Each student's COA may vary based on residency status, enrollment status and/or the program of study, and are applicable to students attending at least half time.

### Off-campus Housing

The estimated cost for housing for students not residing with parent(s) is approximately \$9,000 per academic year. For those students residing with parent(s), the estimated cost is approximately \$5,500 per academic year. These costs are determined annually and are not applied to the student's invoice.

### Off-campus Meals

The estimated cost for meals for students not residing with parent(s) is approximately \$3,200 per academic year. For those students residing with parent(s), the estimated cost is approximately \$2,900 per academic year. These costs are determined annually and are not applied to the student's invoice.

### Books and Supplies

The estimated cost for books and supplies is approximately \$1,200 per academic year. These costs are not applied to the student's invoice. Books and supplies can be purchased at the university's bookstores, online or through other venues where available. The bookstores operate a textbook sales/buyback program to help students minimize these costs. However, textbook rentals at the bookstore or online bookstore are typically the least expensive option for students.

\*Students enrolled in the ABSN Nursing program will have textbooks included in the cost of tuition. Students may choose to opt out and purchase textbooks on their own by emailing Student Financial Services. (sfs.pvd@jwu.edu.)

### General Transportation Expenses

The estimated transportation expense is approximately \$1,000 per academic year. These costs are determined annually by the university and are not applied to the student's invoice.

### Personal Expenses

Estimated personal expenses are approximately \$900. These costs are determined annually by the university and are not applied to the student's invoice.

### Federal Direct Loan Fees

Students who borrow a Federal Direct Student Loan will have an estimated loan fee of \$58 to \$76 included in the COA.

There are times when the COA may not properly address all students' needs. In an attempt to assist these students, with proper documentation, we may increase the cost of attendance on a CASE-BY-CASE basis. The costs will be evaluated to determine if the student is eligible for additional aid eligibility. Examples include, but are not limited to, allowances based on the actual expenses incurred for dependent care of the student's dependent as it related to study at JWU, disability related expenses, cost of a personal computer, fees for an applicable eligible study-abroad program, etc. For more information regarding qualifying circumstances for increases to COA, please contact your financial planner.

## Payment Options

Students are responsible for paying all charges in full or making appropriate arrangements by the published fall semester due dates listed below.

### July 10, 2024

- New Undergraduate

### July 24, 2024

- Returning Undergraduate
- College of Professional Studies
- International Students

### Semester Payments

Students may make two payments per academic year. The fall due dates for each program are listed above. Please refer to your invoice for future due dates.

### Monthly Payments

Students may choose to pay the annual amount due in convenient monthly payments. This option is available through jwuLink. There is an enrollment fee to participate. Most plans are essentially interest free, but some accounts may incur late fees, reinstatement fees or other fees. Students interested in this option must contract with Nelnet Campus Commerce and pay the first payment, in addition to the enrollment fee, by the fall published due dates listed above.

### William D. Ford Federal Direct Parent Loan Program for Undergraduate Students (PLUS)

The Direct PLUS Program provides loans to parents of dependent students to attend college. PLUS borrowers do not have to demonstrate need, but

must not have an adverse credit history. All students must complete the Free Application for Federal Student Aid (FAFSA) if their parents plan to borrow a PLUS Loan. The parent must also complete the Direct PLUS Master Promissory Note (MPN); an MPN can be completed online. In addition the parent must indicate how much they want to borrow. Repayment of this loan will begin within 30 days of the time the loan is fully disbursed annually, or the borrower can contact the Department of Education to request a deferment. The borrowing limit is the total cost of attendance, minus any financial aid being received. Families should consider maximizing Federal Direct Subsidized and Unsubsidized Loans before borrowing a PLUS loan.

### Private Loans

Private loans, also known as alternative loans, are used by students and families to bridge the gap between the cost of education and the financial aid award. These loans are for credit-worthy borrowers and are not based on financial need. See Private Loans for more information.

The university recommends that you exhaust all grant, scholarship and federal loan options prior to obtaining a private student loan. For more information on applying for financial aid, federal loans, etc., explore our page about applying for financial aid.

All Johnson & Wales University students must fulfill their financial obligations to the university by the published due dates listed above. (All off-semester entrants must meet the financial obligation by the published date for that semester.)

To meet their financial obligations, students must do one of the following by the published due date:

- Make a full semester payment.
- Contract with Nelnet Campus Commerce and pay the first monthly payment, as well as the enrollment fee.
- Have an approved loan that covers the annual balance.
- Have an approved payment plan with Student Financial Services using a combination of the above options.

Students who do not fulfill their financial obligation by the published due date will not be able to select their housing assignment. In addition, students' class schedules for the academic year may be revoked.

## Refund Policies

### General Policy

To the extent that any charges due to the university remain unpaid, no refund check will be issued. No tuition or fees (other than the deposit for undergraduate students) will be assessed for semesters that the student does not begin. Students who withdraw from the university prior to the end of the academic year may have their financial aid adjusted. Institutional grants and scholarships, where applicable, will be reduced in proportion to any tuition credit received as defined in the university's Withdrawal Credit Policy (p. 372). The distribution formula for refunds to the Federal Student Financial Aid program will be calculated according to federal regulations. The university's Withdrawal Credit Policy applies to all withdrawals from the university, voluntary or involuntary.

### Unofficial Withdrawal from the University

Federal regulations require that a student who begins attendance but fails to earn a passing grade in at least one course in any semester and does not officially withdraw shall be considered as having unofficially withdrawn from the university unless the university can document that the student completed at least 60% of the period of enrollment and earned the grade of F. A student must be engaged in academically related activities beyond 60% of the enrollment period to retain eligibility for federal, institutional and external financial aid. If a student was not engaged in an academically related activities beyond 60%, they will be assigned a withdrawal date based on the last date of an academically related activity. All other instances when a student withdraws without providing official notification will be the 60% point of the period of enrollment, as applicable. A student who does not earn at least one passing grade during a semester for which federal funds were disbursed will have a Return of Title IV Funds calculation performed to determine how much of the federal funds were earned. Unearned federal funds must be returned to the source, in most cases with a charge to the student's university account.

University enrollment disputes must be submitted online within 30 days after the end of the semester during which the student was enrolled. To

submit a dispute, students must complete the appropriate form online. No adjustments to tuition and fees or financial aid will be made until the dispute is researched and either approved or denied. No disputes will be considered after 30 days from the end of the semester in which the student was enrolled. Decisions will be made within 10 business days and students will receive notification via the email address provided on the dispute form.

- \* Any student enrolled solely in culinary lab courses, who fails to attempt any of the scheduled courses, may be considered to have withdrawn from the university.

## Tuition Refund Policy

Semester charges are defined as tuition and, if applicable, room and meals.

Tuition is applicable to all students, including those in approved off-campus programs such as study abroad and internships. Student Health Insurance, Program/Course Fees, Wildcat Meals, New Student Fee, Student Activity Fee, Uniform & Supplies Fee, LEAP Fee, and International Student Services Fee are nonrefundable, if applicable. To the extent that any charges due to the university remain unpaid, no refund check will be issued. No tuition or fees will be assessed for semesters for which the student does not register or enroll. Students who withdraw (or become withdrawn) from the university prior to the end of the academic year may have their financial aid adjusted, if applicable. Institutional grants and scholarships will be reduced in proportion to any tuition credit received. For more information, please see the University Withdrawal Credit Policy (p. 372).

## University Withdrawal Credit Policy

The distribution formula for the institutional refund to the Federal Student Financial Aid program will be calculated according to federal regulations. Any refund due will be issued within 45 days after the date that the university was first notified of the withdrawal. Examples of university refund policies are available upon request in Student Financial Services. **Students who Unofficially Withdraw from the university will receive no credit of any semester charges.** Please note: **The below policies do not apply to the online students in the College of Professional Studies (CPS). The withdrawal credit policy for online students in CPS is available in the CPS Catalog.**

### If an undergraduate student withdraws from the university

- prior to the start of the semester, the university will credit 100% of the semester charges. If eligible, all institutional aid/scholarships for that semester will also be returned.
- during the first and second week of the semester, the university will credit 90% of the semester charges. All university fees (including Student Health Insurance) are nonrefundable. If eligible, all institutional aid/scholarships for that semester will be adjusted to 10%.
- during the third or fourth week of the semester, the university will credit 50% of the semester charges. All university fees (including Student Health Insurance) are nonrefundable. If eligible, all institutional aid/scholarships for that semester will be adjusted to 50%.
- during the fifth or sixth week of the semester, the university will credit 25% of the semester charges. All university fees (including Student Health Insurance) are nonrefundable. If eligible, all institutional aid/scholarships for that semester will be adjusted to 75%.

After the sixth week of the semester, students will be responsible for 100% of the semester charges and may receive up to 100% of that semester's eligible institutional aid and scholarships.

### If a graduate student withdraws from the university within a 16-week semester or an eight-week session within the semester

- prior to the start of the semester and during the first and second week of the semester, Fall I or Fall II, Spring I or Spring II, or Summer I or Summer II, the university will credit 100% of all charges. If applicable, all financial aid will be returned.
- after the second week of the semester, Fall I or Fall II, Spring I or Spring II, or Summer I or Summer II, the student will be responsible for 100% of all charges. If applicable, financial aid will be adjusted based on federal guidelines.

- after the sixth week of the 16-week semester, students will be responsible for 100% of the semester charges and will receive 100% of that semester's eligible institutional aid and scholarships.

**If a graduate student withdraws from the university within a 16-week semester and is living on campus**

- during the first and second week of the semester, the university will credit 90% of the semester's room and meal charges.
- during the third or fourth week of the semester, the university will credit 50% of the semester's room and meal charges.
- during the fifth or sixth week of the semester, the university will credit 25% of the semester's room and meal charges.
- after the sixth week if the semester, students will be responsible for 100% of the semester's room and meal charges.

Financial aid will be adjusted based on the Return of Title IV regulations.

**Please note: Student Health Insurance is nonrefundable.**

Add/Drop is defined as adding and dropping any number of courses but maintaining active registration in at least one other course in the semester. For courses offered on campus students may add or drop a course by the following deadline:

- College of Food Innovation & Technology labs (that meet twice a week or consecutively):
  - Add/Drop Deadline: Thursday week 1 of the semester.
- All other courses:
  - Add/Drop Deadline: Thursday week 2 of the semester.

Add/Drop deadlines are outlined on the academic calendar (p. 6).

While some classes including culinary or baking and pastry laboratory classes begin later than the first week of classes, the Add/Drop period at the beginning of the semester applies to all classes regardless of the start date of the lab or course. If a student does not drop a lab or course during the Add/Drop period, full tuition charges will be assessed.

For online and hybrid courses, students may add a course by the first Saturday of the course session or drop by the second Saturday of the course session. An official add or drop must be completed via jwuLink or with Student Academic Services.

Whenever students participate in add/drop, their financial aid and account charges may be adjusted. Financial aid cannot be used to pay for classes that do not count toward degree requirements (i.e., an "unused" course). In the event students remain registered for an unused course during the semester, their net tuition expense could be higher, resulting in a balance on their invoice. Students are encouraged to visit or consult Student Financial Services to review the potential impact, especially if their enrollment status changes to or from part time/full time.

**University Enrollment Dispute**

Students who leave the university due to extenuating circumstances without officially withdrawing may submit a university enrollment dispute within 30 days after the end of the semester in dispute. No withdrawal disputes will be considered after that time. Students must present supporting documentation that demonstrates serious and compelling reasons justifying the withdrawal, and extenuating circumstances justifying its retroactive nature. No adjustments to tuition and fees or financial aid will be made until the dispute is researched and either approved or denied. Decisions will be made within 10 business days; students will receive notification via an email sent to the email address they provided on the dispute form.

**Study Abroad Withdrawal Policy**

On the date listed below for the semester or break period in which the Study Abroad program starts, students are held **financially** responsible for their status of "**committed**" to any JWU Study Abroad program. Any withdrawal or dismissal from the University or from JWU Study Abroad **after** that date will result in Study Abroad late withdrawal penalties posted to a student's JWU financial account.

**Dates on which a status of "committed" carries financial responsibility:**

- **June 1st** for programs in the **Fall** semester
- **October 1st** for programs in the **Winter** session
- **November 1st** for programs in the **Spring** semester or **Spring Break period**

- **March 15th** for programs in the **Summer** session
- **As of the semester add/drop deadline** for **JWU Global Tech Experience**

If a student withdraws or is dismissed **prior** to the dates listed above, there will be **no** financial penalty.

If a student withdraws or is dismissed **after** the dates listed above, the student will be charged varying portions of the Program Cost. The amount that is charged will be determined by the date of withdrawal as well as the program start date. Please refer to the below Withdrawal Late Fee Chart for exact amounts.

<b>If you withdraw after the Commitment date above and:</b>	<b>The late withdrawal penalty is:</b>
76+ days before program start date	\$500
60–75 days before program start date	\$1,000
30–59 days before program start date	\$1,500
15–29 days before program start date	\$3,000
1–14 days before program start date	\$4,000
After add/drop deadline for JWU Global Tech Experience	\$1800
On or after program start date	Balance of full program (in addition, financial aid may need to be adjusted if applicable)

If the program host withdrawal fees exceed JWU's withdrawal penalty, the **student** is responsible for reimbursing JWU for those additional fees, which were paid by JWU on the student's behalf in anticipation of committed participation in the program.

All withdrawals must be in writing via letter or email to JWU Study Abroad at [studyabroad@jwu.edu](mailto:studyabroad@jwu.edu). A telephone call will not be sufficient. The date on which the email or letter is received will be the formal date of the withdrawal.

The withdrawal policy applies to withdrawals or dismissals from the program for **any** reason (this includes not receiving a Passport or Visa in time). If withdrawn or dismissed because of failure to meet financial or academic requirements, or due to violations of the JWU Student Code of Conduct, the effective date will be determined by JWU.

In case of withdrawal or dismissal after the program start date, the student must separate from the program and make their own travel or housing arrangements, at their personal expense, for departure from the program.

**Armed Forces**

If an enrolled student who is a member of the Armed Forces (including reserve components) receives orders "to perform a period of service" (i.e., active duty, inactive duty training, or state service), and is required to withdraw due to such member's service prior to the end of such member's course(s), the university will assign a non-punitive grade (i.e., a grade of "no credit") to any course(s) that the student was unable to complete and will refund all tuition and fees (including for university housing) to the appropriate party. This does not include any monthly housing allowance provided by the Post 9/11 GI Bill.

For more information, contact the Johnson & Wales University Veterans Affairs (VA) certifying official at your campus.

**Tuition and Fees**

The following estimated tuition and fees schedule is effective for the 2024-25 academic year and is subject to change annually.

**Undergraduate Tuition**

Tuition is applicable to all students, including those in approved off-campus programs such as Study Abroad and internships. Students enrolled in courses in excess of a normal full-time schedule will be assessed an additional tuition charge. For purposes of tuition billing and financial aid eligibility, full-time status is determined on a semester basis and consists of 12 to 18 credit hours per semester. Students carrying more than 18 credit hours will be charged for each credit over 18, unless they meet eligibility for the Special Honors and Rewards Program (SHARP). When repeating courses already attempted, students may be assessed a fee for those courses. Students are assessed

tuition upon course registration each semester. Summer is considered a separate term. The semester credit hour rate is \$1,161.

### Statement Regarding Tuition & Fees

Solely for avoidance of doubt, the tuition and fees students pay the university will not be discounted, irrespective of any changes in the manner or mode of learning or changes to any activities, events or programs (including revision, postponement or cancellation of same) at any time during the academic year; the manner or mode of learning could include on-ground learning, remote learning, or a combination of the two; it could include fewer classes or restructured classes; and it could include changes mid-semester (as just a few examples of possible changes). Please understand that the university, like other schools, is subject to multiple factors outside of its control, including effects stemming from the pandemic and applicable local, state and federal law and guidance related to the pandemic, which factors could significantly alter, limit or curtail our operations.

Annual Tuition	\$41,782
New Student Fee*	\$437
Student Activity Fee	\$200
Uniform & Toolkit Fee (College of Food Innovation & Technology)**	\$396
Uniform & Toolkit Fee (Dietetics & Applied Nutrition)**	\$242
Wildcat LEAP Fee***	\$8,480
New International Student Services Fee****	\$1,386
Student Health Insurance	\$2,870
Nursing (Accelerated 2nd Degree Bachelor of Science)	\$61,000 (fall 2024 cohort)
Postbaccalaureate Pre-Medical & Pre-Health Professions Program	\$495 per credit hour (\$1,485 per 3 credit class)
Professional Craft Brewing Certificate	\$371 per credit hour (\$1,113 per 3 credit course)

Room Only	
Harborside Village Apartments	\$15,500
McNulty, Snowden, Harbor View - Single/Private Bath	\$14,500
McNulty, Snowden, Harbor View - Double/Private Bath	\$13,000
Centennial - Single/Common Bath	\$13,000
Xavier, East, South, West - Single/Common Bath	\$12,500
McNulty, Snowden, Harbor View - Triple/Private Bath	\$12,000
Centennial - Double/Common Bath	\$11,000
McNulty, Snowden, Harbor View - Quad/Private Bath	\$11,000
Xavier, East, South, West - Double/Common Bath	\$10,500
Xavier, East, South, West - Triple/Common Bath	\$8,000
Xavier, East, South - Quad/Common Bath	\$6,000

Meal Plans	
All Access Meal Plan/\$200 annual flex dollars (required for all New students in JWU housing)	\$6,800
14 meals per week/\$400 annual flex dollars (returning student option only)	\$5,800
10 meals per week/\$400 annual flex dollars (required for returning students in JWU housing, except for Harborside Village)	\$4,640

115 meals per semester/\$150 semester flex dollars (returning students only, available to apartment style housing)	\$3,000
Course Fees	
HOSP3085 & TRVL3035	\$800
New Row	

- \* The new student fee is charged the first semester of enrollment and is not applicable to international students.
- \*\* Students enrolled in the College of Food Innovation & Technology (CFIT) and Dietetics & Applied Nutrition will be assessed a nonrefundable uniform & toolkit fee during the first two semesters of enrollment. This fee ensures students in these programs begin their college careers with the same professional appearance and educational materials needed for a successful academic experience.
- \*\*\* Wildcat LEAP (Learning Effectiveness in Action Program) is a fee-based educational program designed to develop specific strategies to enhance learning. The program includes one-on-one support, small group instruction, and a **three-credit course** available only to LEAP participants. Please refer to Student Support Services to learn more about the program.
- \*\*\*\* Providence Campus international students will be assessed an International Student Services Fee of \$1,386 per academic year or \$693 per semester. The fee will cover necessary services that are used exclusively or more intensely to support international students. These resources include, but are not limited to, tutoring and academic support services, visa and federal government reporting requirements, enhanced arrival services, and sponsored programs offered to international students on campus.

Meal plans, in addition to denoted meals, include pre-determined flex dollars that may be redeemed for supplementary food items at campus facilities (i.e., Starbucks and Liberty Market).

### Wildcat Meals

Students may purchase blocks of meals through our Wildcat Meal plan. Wildcat meals may be used at any time and as many times as the student wishes during the academic year. Meals are bought in blocks and can be purchased online.

All meals must be used before the end of the academic year in which they are purchased. The cost of the plan is nonrefundable.

50 meal block	\$662
25 meal block	\$335
10 meal block	\$136
Meal price paid at the door	\$14

### Deposits and Other Fees\*

#### Deposits

The \$300 deposit is payable upon acceptance to the university. The university observes the May 1 deposit deadline and encourages students to research all schools before placing a deposit. Deposits received after May 1, 2024, will be accepted on the basis of space availability. Deposits are nonrefundable. Students must also have an approved payment plan with Student Financial Services by the established due date to select a room assignment. Students who establish an approved payment plan after the due date could be placed in a temporary assignment regardless of fee payment date, although Residential Life will make every effort to assign students to permanent room assignments.

#### New Student Fee

This nonrefundable fee, which is uniformly charged, is required of all new students for orientation, testing and semester start activities. It is charged to students who start during the fall or spring semester.

## Student Activity Fee

The student activity fee provides funds for student clubs, organizations and departments that serve to provide a rich and varied co-curricular experience. This fund is managed by the Student Government Association and used to support programs and services such as comedy shows, concerts, lectures, movies, special events, travel, and club and organization appropriations. Activities may vary by campus.

## Medical Health Coverage While Enrolled

All undergraduate day students, both domestic and international, all international graduate/doctoral students, and any graduate student required to be enrolled under programmatic requirements (e.g., students enrolled in the Physician Assistant Program, on-campus Occupational Therapy Program, Addiction Counseling or Clinical Mental Health Counseling master's degree programs, etc.), registered and attending Johnson & Wales University and taking credit hours (excluding full-time Johnson & Wales employees) are eligible and enrolled in the plan on a hard waiver basis. Whether a student is "registered" and "attending" shall be determined exclusively by Johnson & Wales University.

If university policy requires students to have health insurance and the coverage is through another means (i.e., parent's health insurance or an employer program), the student does not have to utilize the university student health insurance plan and may opt out of/waive it. All current insurance must be accepted and fully comprehensive for all of the student's needs in the U.S. and the state in which the student attends class. Students can opt out of/waive the university plan by submitting the online waiver form to demonstrate evidence of coverage. A new waiver form must be submitted each academic year. Students who are required to have health insurance and do not waive the Johnson & Wales University plan will be charged for it. The online waiver form and details of the plan, including the full brochure and benefit flyer, can be found on the University Health Plans website.

\*For a complete listing of all JWU fees, refer to the applicable campus catalog Tuition and Fees page.

## Graduate Tuition

The following estimated tuition and fees schedules are effective for the 2024–25 academic year. Tuition and fees are subject to change annually.

MBA/MPH/MS Programs	\$842 per credit
MBA/MPH/MS Programs	\$2,526 per 3 credit course
MS Addiction Counseling & Clinical Mental Health Counseling	\$774 per credit
MS Addiction Counseling & Clinical Mental Health Counseling	\$2,322 per 3 credit course
MAT/MEd	\$572 per credit
MAT/MEd	\$1,716 per 3 credit course
Physician Assistant Studies*	\$18,139 per semester
Physician Assistant Studies Fee	\$1,262 per semester
Physician Assistant Studies Medical Equipment Fee**	\$1,100
EdD Program	\$993 per credit
EdD Program	\$5,958 per 6 credit course
Dissertation Fee	\$1,903 per semester
Doctorate in Occupational Therapy	\$14,345 per semester
Doctorate in Occupational Therapy Fee	\$552 per semester
International Student Services Fee, Providence***	\$1,386 (\$693 per semester)
Pre-Master's International Students	\$5,250 per semester
Student Health Insurance (if applicable)	\$2,870
Nontraditional Housing/ Postbaccalaureate (ABSN, Graduate, Doctoral)	
Imperial 12-Month Single/Private Bath/Large Room	\$11,500
Imperial 12-Month Single/Private Bath/Small Room	\$10,500

- \* Please note that the program runs a full 24-month span, including summer semester. For more information regarding the Physician Assistant (PA) Studies program, please see the PA website.
- \*\* Students enrolled in the Physician Assistant program will be assessed a nonrefundable medical equipment fee during the first two semesters of enrollment. This fee covers medical equipment/supplies such as, stethoscope, otoscope, ophthalmoscope, white coat, etc.
- \*\*\* Providence Campus international students will be assessed an International Student Fee of \$1,386 per academic year (or \$693 per semester). The fee covers necessary services that are used exclusively or more intensely to support international students. These resources include, but are not limited to, tutoring and academic support services, visa and federal government reporting requirements, enhanced arrival services activities, and sponsored programs offered to international students across campus.

## Cost of Attendance

The Cost of Attendance (COA) (p. 371) is the estimated total amount it will cost a student to attend JWU each year. The COA includes tuition and fees; a housing and food allowance for off-campus students; allowances for books and supplies, transportation, personal expenses and federal loan fees. If applicable, the COA may also include on-campus housing, dependent care, disability expenses, cost of a personal computer, or fees for an applicable eligible study-abroad program.

## Deposits

The following deposits are required upon acceptance to the university:

- \$100 Domestic graduate
- \$300 Nursing (Accelerated 2nd Degree Bachelor of Science)
- \$500 Pre-Master's
- \$500 International graduate
- \$500 Doctoral (Ed.D. and O.T.D.)
- \$1,000 Physician Assistant (M.S.P.A.S.)

## Extension Students

Tuition rates for extension students are billed based on the number of semester credit hours scheduled. Extension students will be charged the College of Professional Studies undergraduate online rate.

## Early Enrollment

Early Enrollment Program tuition is 50 percent of the 2024–25 tuition charge. Early Enrollment Program students are also subject to all other appropriate university fees (for example, full room, meals, new student fee, student health insurance, etc.). Early Enrollment Program students are not eligible for any federal financial aid or institutional need-based aid (i.e., institutional grants) while enrolled in the program. Early Enrollment Program students should contact Student Financial Services for information on alternative funding and to determine how eligible scholarships will be affected while in the Early Enrollment Program.

## ESL Students

Students who are studying in the English as a Second Language (ESL) program will be charged \$5,250 tuition per semester. International students in this program will also be charged an annual International Student Services Fee of \$1,386 if attending the Providence Campus. This program charge will be applied for each semester the student remains in the ESL program. ESL students are not eligible for Johnson & Wales University scholarships or grants.

# General Information and Policies

This section of the catalog includes important information and policies for students in the JWU community.

## Complaints and Grievances

It is the intention of Johnson & Wales University to resolve complaints and grievances quickly, informally and as close as possible to the point of origin. The complaint and grievance process set forth below is not intended to be a forum to challenge university policy, but rather a means by which individuals can seek a timely and fair review of their concerns.

Exempt from Johnson & Wales' complaint and grievance process are those areas for which there presently exists a separate complaint or grievance process or built-in review or appeal. Those exempt areas include, but are not limited to, the following:

1. Actions by the dean of students, including matters that have been referred to Community Standards and Conduct
2. Actions by Residential Life concerning contract release or room relocations
3. Actions by academic and financial appeals committees
4. Actions by a faculty member, staff member or third party which may constitute harassment or discrimination (which should be referred to the nondiscrimination and Title IX coordinator, a nondiscrimination campus liaison, or Human Resources & Payroll, as set forth in the Prohibited Discrimination and Harassment Policy)
5. Actions relating to involuntary medical withdrawals
6. Actions relating to the ADA/Rehabilitation Act Grievance Policy And Procedure
7. Actions relating to the review of accommodation decisions
8. Actions relating to academic integrity

### Complaint and Grievance Process

For the resolution of academic and administrative issues outside of the exempt areas, please follow the process outlined below. At its sole discretion, the university (including deans and departmental chairs and Human Resources) may consider complaints made outside of channels or time frames indicated below, but it may choose not to do so and asks all students to adhere to the process set forth below.

#### Step 1

If a student has a complaint about a matter related to the student's grade, class assignment, or issue of a similar nature, the student should first address the complaint or grievance with the faculty or staff member involved within five days of the incident. If a student has a different type of complaint, the student may also follow this process. The faculty or staff member will consider the complaint or grievance and notify the student of the faculty or staff member's decision within a reasonable time, usually five days. If a student (a) does not have a complaint about a matter related to the student's grade, class assignment, or issue of a similar nature and (b) does not wish to address the complaint or grievance with the faculty or staff member involved, the student should follow the applicable process indicated in Step 2 below.

#### Step 2

If the student (a) does not have a complaint about a matter related to the student's grade, class assignment, or issue of a similar nature and (b) does not wish to address the complaint or grievance with the faculty or staff member involved OR the complaint or grievance cannot be resolved at the previous level, the student should present the complaint or grievance, in writing, to the appropriate department chair or department director within five days of the incident (if raised in the first instance) or within five days of receipt of the faculty or staff member's decision (if raised previously with the faculty or staff member). The department chair or department director will document their decision and provide a copy to the student, faculty or staff member, and dean of the appropriate school or college (in the case of an academic complaint or grievance) or the dean of students (in the case of an administrative complaint or grievance) within a reasonable time, usually five days.

#### Step 3

If the complaint or grievance is still unresolved, the student may request a final review at the dean's level by submitting a written request for review to the dean of the appropriate college or school (in case of an academic complaint or grievance) or the dean of students (in case of an administrative complaint or grievance) or their designees. The written request should set forth the reasons that the student is seeking a review of the earlier decision and, in particular, should specify if the student feels that relevant, new information has come to light since the decision was made or that the decision was unjust or inconsistent with the circumstances of the incident. The request will be considered by the appropriate dean or designee. The decision of the reviewing dean will be final and a written copy of the decision will be given to the student.

#### Expedited Review

If there is a legitimate need for an immediate or expedited review of an academic or administrative decision, then written complaints and grievances or requests for review and decisions may not be required. The determination of whether an expedited review is appropriate is determined in the sole discretion of the dean of the appropriate college or school (in case of an academic complaint or grievance), the dean of students (in case of an administrative complaint or grievance) or their designees.

Note: Retaliation against any individual who has made a good faith complaint or grievance or cooperated in the investigation of such a complaint or grievance is a violation of university policy. Anyone found to have engaged in retaliation will be subject to disciplinary action up to and including termination or dismissal.

### Student Complaint Process for Online Students

#### Current SARA Member Jurisdictions

Current authorized jurisdictions subject to the State Authorization Reciprocity Agreement (SARA) and the National Council for SARA (NC-SARA) standards include all states and the District of Columbia, with the exception of California. California has its own process for the filing of complaints by online students living in that state that is discussed under **Student Complaint Process for Online Students in Non-SARA Jurisdictions** below.

#### Online Student Complaint Process

If you are enrolled as an online student and you have a complaint that cannot be resolved through Johnson & Wales University's complaint and grievance process as set forth above, you may file a complaint with the Rhode Island Council on Postsecondary Education (RI-CPE), as described below in **Student Complaint**

**Process for Online Students in SARA Jurisdictions**, or, if living in California, with the California Department of Consumer Affairs (CADCA), as described below in **Student Complaint Process for Online Students in Non-SARA Jurisdictions**.

You may also see additional consumer information related to all other aspects of Johnson & Wales University.

### **Initial Complaints To Be Filed with JWU**

Before filing a complaint with RI-OPC or CADCA, online students are expected to first file an internal complaint with JWU, by following this process (p. 376).

The complaint will be reviewed, evaluated, and, whenever possible, resolved by the relevant JWU personnel. If the student bringing the complaint is not satisfied with the outcome of JWU's internal complaint process, the complainant may file his/her complaint, within two years of the incident about which the complaint is made, with RI-OPC or CADCA, depending on where the online student resides. The resolution of the complaint by RI-OPC or CADCA will be final.

### **Student Complaint Process for Online Students in SARA Jurisdictions (All But California)**

RI-CPE has promulgated a Student Complaint Procedure. As specified in that procedure, JWU online students may file the following types of complaints with RI-CPE:

- Allegations of Consumer Protection Violations, including Fraud and False Advertising
- Allegations of Violations of State Laws, Rules or Licensing Requirements
- Allegations of Violations of Accreditation Standards
- Allegations of Violations of Standards Established by NC-SARA
- Complaints About Education Program Quality
- Other Complaints as specific in the RI-CPE Student Complaint Procedure

As specified in the RI-CPE Student Complaint Procedure, such student complaints shall be delivered or mailed to the Rhode Island Office of the Postsecondary Commissioner (RI-OPC) at the following address:

Rhode Island Office of the Postsecondary Commissioner  
560 Jefferson Blvd  
Warwick, RI 02886-1304

The phone number for RI-OPC is 401-736-1100.

### **Student Complaint Process for Online Students in Non-SARA Jurisdictions (California)**

If you are enrolled as an online student living in a state that is not a member SARA (currently only California) and you have a complaint that cannot be resolved through Johnson & Wales University's internal complaint process, you may file a complaint with the California Department of Consumer Affairs (CADCA). On behalf of California student residents, CADCA will evaluate complaints, identify the appropriate accrediting agency or governmental entity to handle the complaint, and request a response from the entity regarding the final disposition of the complaint. The address and contact information for CADCA are below:

#### **California Department of Consumer Affairs Consumer Information Center**

1625 North Market Blvd, Suite N-112  
Sacramento, CA 95834  
(833) 942-1120

dca@dca.ca.gov

For a complete list of relevant state agencies within the U.S., please refer to the following list of State Agencies (241K PDF).

## **Student Disability Grievance Policy and Procedures**

### **Policy Statement and Scope**

Johnson & Wales University has designed this Student Disability Grievance Policy and Procedure ("Policy") to comply with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973. The university intends to provide an equitable and prompt grievance procedure to resolve complaints of discrimination or harassment or other alleged violations of the ADA, Section 504 of the Rehabilitation Act, and any similar, applicable state law. The policy and procedure apply to current university students.

### **Definitions**

A. "Grievance" means a written<sup>1</sup> complaint submitted in accordance with this policy and procedure and alleging a violation of the ADA, the Rehabilitation Act, or any similar, applicable state law carried out by employees, students, or third parties. At minimum, the Grievance shall contain the following information:

1. Petitioner's name, address, e-mail, and telephone number(s);
2. The date of the alleged violation(s) and a detailed description of the alleged violation(s);
3. All Respondents' names;
4. The specific action or relief the Petitioner seeks; and
5. Any and all other information on which the Petitioner is relying to support the Grievance.

B. "Investigator" means the Title IX Coordinator, or, in cases where the Title IX Coordinator is alleged to be responsible for the Grievance, the Vice President of Student Affairs and Dean of Students, or their respective designees.

C. "Petitioner" means a student submitting a Grievance.

D. "Respondent" means any person alleged to be responsible in the Grievance. A Petitioner may identify one Respondent or multiple Respondents, as appropriate, in a Grievance.

### **Procedures Related to the Filing of a Grievance**

A. Any Johnson & Wales University student may file a Grievance.

B. The university strongly encourages Petitioners to discuss their concerns informally with all Respondents to seek an informal resolution before they file any Grievance. If a Petitioner is unwilling to attempt informal resolution or if attempts at informal resolution fail, the Petitioner may then submit a Grievance to the Title IX Coordinator (hereinafter to include their designee) at the following address:

Title IX Coordinator  
Equity & Compliance Services  
Johnson & Wales University  
8 Abbott Park Place  
Providence, RI 02903  
Phone: 401-598-2703  
Matthias.Rubekeil@jwu.edu

If the Grievance is about the Title IX Coordinator, the grievance should be addressed to:

Melanie Tucker  
Vice President of Student Affairs and Dean of Students  
Johnson & Wales University  
8 Abbott Park Place

C. Petitioners must submit Grievances within 30 calendar days of the date upon which they become aware of the alleged violation but not later than 90 calendar days of the alleged violation. The university will not consider untimely Grievances.

D. Upon receipt of a Grievance, the Investigator shall send each Respondent a copy of the Grievance and ask each Respondent to submit a written response within 14 calendar days. The university will not consider untimely responses. Responses should include any and all information relied on to defend against the Grievance.

E. No Respondent shall retaliate against the Petitioner in any way. Unlawful retaliation will subject the Respondent to disciplinary action.

F. The Investigator shall conduct an investigation of the Grievance. As part of the investigation, the Investigator will give Petitioner and each Respondent an opportunity to identify relevant witnesses to be interviewed and/or submit evidence relevant to the Grievance. The Investigator will review evidence presented and will interview witnesses identified, as determined appropriate by the Title IX Coordinator.

G. The Investigator will issue a written decision on the Grievance no later than 60 calendar days after its submission and will provide a copy to Petitioner and each Respondent. The Investigator shall solely overrule, reverse, or otherwise disturb a determination respecting a reasonable accommodation if it violates the ADA, the Rehabilitation Act, or any similar, applicable state law. The investigator's decision shall be final.

H. If the Investigator determines that disability discrimination or harassment has occurred, the university will take steps to prevent any recurrence of the alleged discrimination or harassment and to correct its effects on the Petitioner and others, if appropriate.

I. Students are not required to file a Grievance with the university and may file a complaint with these enforcement agencies at any time at the following addresses:

U.S. Department of Education  
Office for Civil Rights  
Customer Service Team  
400 Maryland Avenue, SW  
Washington, D.C. 20202-1100

U.S. Department of Justice  
950 Pennsylvania Avenue, NW  
Civil Rights Division  
Disability Rights Section - NYA  
Washington, D.C. 20530

Policy Contact(s)

• Title IX Coordinator (Matthias.Rubekeil@jwu.edu)

<sup>1</sup> Alternative means of filing complaints, such as personal interviews or a tape recording of the complaint, will be made available for persons with disabilities upon request.

## Computer and Technology Use

All students are required to comply with the university's Computer and Technology Use Policy.

The university's Computer and Technology Use Policy prohibits students from uploading, downloading, posting, publishing, transmitting, retaining, reproducing, sharing or distributing in any way information, software, movies, music, books, articles or any other material which is protected by copyright or other proprietary right, without obtaining permission of the owner. Violation of this policy may result in the termination of the student's access to the internet via the university's internet system, and constitutes a violation of the Student Code of Conduct.

### Copyright Infringement

Students should be aware that unauthorized distribution of copyrighted material, including unauthorized peer-to-peer file sharing, may subject the student to civil and criminal liabilities. In general, anyone found liable for civil copyright infringement may be ordered to pay either actual damages or "statutory" damages affixed at not less than \$750 and not more than \$30,000 per work infringed. For "willful" infringement, a court may award up to \$150,000 per work infringed. A court can, at its discretion, also assess

costs and attorneys' fees. For details, see Title 17, United States Code, Sections 504, 505. Willful copyright infringement can also result in criminal penalties, including imprisonment of up to five years and fines of up to \$250,000 per offense. For more information, please see the website of the U.S. copyright office, especially their FAQs. Please refer to the Computer and Technology Use Policy for a further description of prohibited activities regarding the use of university technology resources.

Unauthorized peer-to-peer file sharing is a violation of law, as well as university policy, including the Student Code of Conduct. Students engaging in unauthorized peer-to-peer file sharing, including illegal downloading and unauthorized distribution of copyrighted materials, will be subject to disciplinary action up to and including suspension or dismissal from the university.

### Legal Downloading

The Higher Education Opportunity Act of 2008 requires all colleges and universities to offer legal alternatives to unauthorized downloading. Educause maintains a list of legal alternatives to which students can refer. The products or services listed are in no way endorsed or evaluated by the university.

## Disability Accommodations for Students Policy and Procedure

### Policy Statement and Scope

Johnson & Wales University (JWU) has designed this policy and procedure to comply with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973. The university intends to provide qualified students who have disabilities and/or health conditions with accommodations to the extent required by the ADA, Section 504 of the Rehabilitation Act, and any similar, applicable state law.

The policy and procedure apply to qualified students (undergraduate, graduate and online) with a documented disability and/or chronic health condition:

1. Who wish to obtain an accommodation at JWU;
2. Who identify themselves as having a disability;
3. Who seek accommodation; and
4. Who (a) are enrolled at the university or (b) have been accepted and will be enrolled at the university.

Information students submit to the university pursuant to this policy and procedure, is confidential. Accessibility Services may grant access to appropriate individuals who have an educational need to know, including to effectuate this policy and procedure, in case of an emergency, or as permitted by law.

### Definitions

JWU applies the following terms using the definitions supplied by federal law and regulations.

1. "Accommodation" means an adjustment to an activity, course, or program that enables a qualified student with a disability to have an equal educational opportunity but does not lower or modify essential requirements; fundamentally alter the nature of an activity, course, or program; or result in undue financial or administrative burdens.
2. "Disability" means a physical or mental impairment that substantially limits one or more major life activities.
3. "Qualified" as referred to a student means one who meets the academic and technical standards requisite to admission or to participation in the activity, course, or program at issue, with or without appropriate accommodations.

### Procedure Related to Accommodation(s)

To receive an accommodation, students must submit a request to Accessibility Services. Students are responsible for adequately identifying and documenting their requests and supplementing their requests as needed. The request must

1. Be in writing and should include (at minimum) an identification of the disability, the requested accommodation, and documentary support for the disability/chronic health condition and accommodation (including information on functional limitations to support the existence of a disability and the need for an accommodation) from a medical provider,



such as a physician or mental health professional, neither of whom may be a relative of the student.

2. Be submitted in a timely fashion, such that the request allows time for adequate consideration and decision. Students should try to submit first-time pre-enrollment requests at least eight weeks before the start of the school year, provided that this deadline may be waived in the university's sole discretion where appropriate.

Accessibility Services will determine whether the information provided is sufficient and whether the request is otherwise adequate. Accessibility Services will request such further information as it may require. Accessibility Services will determine whether the condition fits the legal definition of a disability, whether an accommodation is appropriate, and, if so, what type of accommodation is appropriate. In making this determination, Accessibility Services will consult with faculty, other university employees, or other appropriate personnel as needed. If the appropriate personnel with whom Accessibility Services must consult are not faculty or other university employees, the student should provide Accessibility Services a release to allow Accessibility Services to discuss the matter with such appropriate personnel.

Accessibility Services considers accommodations on a case-by-case basis; accommodations may be available for certain activities, courses, or programs but not others. The determination of an accommodation, including whether or not to approve it, may depend in part on the nature of the activity, course, or program at issue.

If Accessibility Services grants the request for an accommodation, it will notify the student and provide the student with a letter setting forth the granted accommodation and other relevant details, which the student may then share with the appropriate personnel (such as faculty or other university employees or other appropriate personnel) who need to know about the accommodation to implement it. The appropriate individuals will then implement the accommodation, with the personnel and with the student consulting each other and Accessibility Services as needed.

Accessibility Services does not grant accommodations retroactively. For example, grades cannot be changed based on claims that a disability was not accommodated if no such accommodation was sought or granted before the work at issue was completed. Likewise, absences cannot be excused retroactively based on claims that a disability was not accommodated if no such accommodation was sought or granted before the absence.

Each semester, students must renew their accommodation requests and potentially provide updated documentation or such other information as Accessibility Services may require.

### **Grievance(s) Procedure Related to Accommodation(s)**

Students may file a grievance from the determinations of Accessibility Services solely as outlined under the JWU's Student Disability Grievance Policy and Procedures.

### **Policy Contact(s)**

- Providence Campus and College of Professional Studies: Director of Accessibility Services (email (nicole.hebert@jwu.edu))
- Charlotte Campus: Director of Center for Academic Support (email (rjkilgore@jwu.edu))

## **Drug and Alcohol Policy**

### **I. Scope and Application**

A. As a recipient of federal aid and federal grants, Johnson & Wales University (JWU) adheres to the Drug-Free Workplace Act of 1988 and the Drug-Free Schools and Communities Act of 1989.

B. In accordance with these laws, Johnson & Wales University (JWU) prohibits the unlawful manufacture, distribution, dispensation, possession, and use of controlled substances, drug paraphernalia, and alcohol at the workplace and in the educational setting. Possession or use of alcoholic beverages anywhere on university property is prohibited, except for legal use in the workplace or educational settings sanctioned by the university. "Unlawful" for these purposes means in violation of federal, state, or local statutes, regulations, ordinances, or applicable case law. Where federal and state law conflict — so that a substance may lawfully be used under state law but not federal law — federal law will control. Therefore, if a substance is illegal under federal law, even if a state legalizes that substance, the substance remains

illegal and subject to this Drug and Alcohol Policy. For example, even as multiple states, including Rhode Island, have legalized certain uses of marijuana, marijuana remains an illegal Schedule 1 substance under federal law. "Workplace" is defined as either university premises or any place where university business is conducted away from university premises. "Educational setting" includes both university premises and approved educational sites off campus.

C. Johnson & Wales University is not, and cannot be considered, a protector or sanctuary from the existing laws of local, state or federal governments.

### **II. Sanctions**

A. Students: Disciplinary sanctions that may be imposed on a student found to be in violation of this policy include, but are not limited to, revocation of certain privileges, community service, conduct warnings, conduct probation, fines or restitution for loss, suspension or dismissal from the university and/or university housing, referral to alcohol education or other similar classes, and possible referral to local authorities consistent with applicable law. The university reserves the right to notify parents of alcohol and drug violations by students who are under the applicable legal drinking age, consistent with applicable law. Students who are Pell Grant recipients must notify the university within five days of any criminal drug statute conviction for a violation occurring on or off university premises while conducting university business or activities.

B. Employees: All employees must abide by this policy and must disclose to the university any criminal drug or drug-related conviction. Employees who violate this policy will be subject to disciplinary action up to and including separation of employment and possible referral to the appropriate authorities consistent with applicable law.

C. All: JWU sanctions will be consistent with local, state and federal laws.

### **III. Effects of Alcohol and Controlled Substances**

A. Please see the chart for examples of the effects of alcohol and controlled substances.

### **IV. JWU's Substance Abuse Prevention Program**

A. Students: Several programming initiatives and alternatives are available to help students examine their own behavior related to alcohol and other drugs (AOD).

1. Counseling Services provides an assessment of AOD usage for all students who seek counseling.
2. Referrals to community resources are available for individuals with more long-term or complex needs. A number of AA/NA/Al-Anon groups hold meetings close to campus and in the larger local community.
3. Counseling Services offers AOD prevention through programming efforts with various student groups and Student Affairs departments.
4. Counseling Services also collaborates with Community Standards and Conduct to provide educational and other resources for students with problematic drinking behavior and drug use.
5. For further information, students should call Counseling Services at 401-598-1016 (Providence Campus) or 980-598-1700 (Charlotte Campus).

B. Employees: An Employee Assistance Program (EAP) is available for university (non-student) employees and their family members. This important benefit allows eligible persons the opportunity to access professional and confidential counseling services for help in dealing with personal issues, including alcohol and drug problems. This benefit is administered by Coastline EAP. Coastline EAP can be contacted at 800-445-1195, or at [www.coastlineeap.com](http://www.coastlineeap.com). For further information regarding this benefit, you may also contact Human Resources & Payroll at 401-598-1034 (Providence Campus) or 980-598-1006 (Charlotte Campus).

C. For additional information, please review the resources and data available at [www.samhsa.gov](http://www.samhsa.gov). The Substance Abuse and Mental Health Services Administration (SAMHSA) is the agency within the U.S. Department of Health and Human Services that leads public health efforts to advance the behavioral health of the nation. SAMHSA's

mission is to reduce the impact of substance abuse and mental illness on America's communities.

## **V. Examples of Potential Violations and Penalties for Drug and Alcohol Offenses**

### **A. Examples of Violations:**

1. Federal, state and local laws prohibit the unlawful manufacture, distribution, dispensation, possession, and use of controlled substances and alcohol.
2. It is unlawful for anyone under the age of 21 to possess or purchase alcoholic beverages, for anyone to purchase alcohol for or furnish alcohol to anyone under the age of 21, and for anyone to misrepresent one's age, such as by falsifying an identification card.
3. It is unlawful to operate a motor vehicle under the influence of controlled substances or alcohol.

### **B. Examples of Penalties: Depending on the offense involved, potential penalties may include (among others):**

1. suspension or loss of the offender's driver's license or driving privileges;
2. fines (including fines of hundreds or hundreds of thousands of dollars); and
3. imprisonment for various terms up to a term of life.

C. Based on a 2021 U.S. Department of Education change in requirements, a student no longer faces penalties or suspension of Title IV aid due to a drug conviction that occurred while the student was enrolled and receiving Title IV aid.

## **VI. Statutory Citations:**

A. See examples of federal law violations and penalties related to controlled substances.

B. As to state law violations and penalties, examples include the following:

1. Rhode Island: Rhode Island criminal offenses and penalties related to drugs and alcohol are detailed in the Rhode Island General Laws Title 21, Chapter 21-28 (Uniform Controlled Substances Act) and throughout Title 3 (Alcoholic Beverages), which provisions may be accessed online.
2. North Carolina: North Carolina General Statutes governing drugs and alcohol, Chapter 90, Article 5 (North Carolina Controlled Substances Act), may be accessed online, and Chapter 18B (Regulation of Alcoholic Beverages), may be accessed online.
3. Please note that this Policy does not contain a comprehensive listing of all potential legal violations and penalties. Related documents include JWU's Employee Code of Conduct and JWU's Student Handbook.

## **VII. Policy Owners**

- A. Director of Human Resources
- B. Associate Dean of Students for Counseling, Health & Wellness

## **VIII. Effective Date and Revisions**

- A. Original: 2007
- B. Reviewed: August 2019; March 2019; January 2019; June 2015; May 2014
- C. Revised: November 2023; August 2022; October 2020; August 2019; March 2019; January 2019; June 2015; May 2014

# Student Services

Student Services at JWU provides personal and professional development support for students across various aspects of campus life, from academic support to meals and housing, health services, and involvement in campus programs and student organizations. See a topic for specific information.

## Academic Success Center

The Academic Success Center is located on the Providence Campus and the Charlotte Campus.

### Providence

Please see the Providence Academic Success Center website for more information.

### Downcity

- Yena Center, First Floor

### Harborside

- Friedman Center, First Floor

### Charlotte

Please see the Charlotte Academic Success Center website for more information.

- Academic Center Suite 410.

## Services

The Academic Success Center offers a wide-range of services that support the success of JWU students at multiple Providence locations. Services are designed to aid students in accomplishing their goals and achieving academic success.

### Subject Tutoring

Our professional tutors offer course-specific support and are ready to share their expertise to help you get ahead. Our peer tutors often have first-hand experience in these subjects, as many of them have taken the same classes as you are now. Visiting the tutoring website for an up-to-date course list.

### Writing Support

The Academic Success Center offers writing support for all courses and majors. Appointments can be made with a writing coach. Drop-ins are welcome at the Math & Writing Center on the second floor of the John Hazen White Jr. College of Arts & Sciences building.

### Peer Assisted Study Sessions (PASS)

PASS is a Supplemental Instruction (SI) Modeled program supported by the Academic Success Center. PASS is a peer-led academic assistance program that targets courses that are traditionally high D, F and W (withdrawal) courses occurring in the first or second year of a student's college career. Through this program, additional outside-of-classroom support specific to the course's content is offered. Our PASS leaders lead and facilitate group study sessions and flexible one-on-one tutoring. They also continuously share supplemental support materials (e.g., tutorials, worksheets, hand-outs, walk-throughs, virtual flash cards, and practice exams or quizzes through our jwuLink PASS channels) to assist in student learning of course concepts.

### Success Coaching

Students who find themselves struggling with time management, organizing their schedules and prioritizing their responsibilities, or who feel overwhelmed with course workload, are encouraged to pursue academic success coaching.

## Accessibility Services

Accessibility Services is available on the Providence and Charlotte campuses and for College of Professional Studies students. Please consult a campus catalog for campus-specific information about Accessibility Services.

## Health Services

JWU's health services are available to commuting and resident students.

- Providence
- Charlotte

## International Student Services Office

The International Student Services Office (ISSO) is part of JWU Global, which also includes Study Abroad and the English Language & Culture Academy (English as a Second Language, only taught at the Providence Campus). There are ISSO staff members on each of the two campuses. The main focus of ISSO is to help international students adhere to Department of Homeland Security regulations, maintain their student status, and access all the benefits permitted by their student visa status. A variety of other programs and services have been created to assist students from the moment they enroll in the university until the day they graduate and beyond. Orientation, information sessions on employment, and other cultural adjustment workshops are conducted every year.

- Providence
- Charlotte

## Learning Effectiveness in Action Program (LEAP)

Hosted at JWU's Providence Campus, Wildcat LEAP is a fee-based educational program designed to help students discover how they learn and to develop specific strategies to enhance their learning. The program includes

- a ten-day summer component
- one-on-one support throughout the academic year
- small group activities to foster effective learning and independence
- a three-credit course available only to LEAP participants

### Program Structure

Wildcat LEAP is a 10-month program, operating August through May.

The JWU experience begins with a 10-day intensive summer component designed to support students through the transition from high school to college. Participants explore the many supports available to them at JWU, begin to learn about themselves and their learning styles, and develop peer supports within their LEAP cohort.

Throughout the fall semester, LEAP participants benefit from weekly individualized support from their LEAP learning specialist. In addition to one-on-one support, the cohort is enrolled in a three-credit course designed specifically for and available only to LEAP participants.

The program continues through the spring semester with participants receiving weekly individualized support from their LEAP learning specialist as well as workshops on topics selected by the LEAP cohort. The program concludes with the development of a Wildcat LEAP student academic portfolio that demonstrates comprehensive evidence of applied learning strategies.

LEAP focuses on supporting students with challenges in the area of executive functioning. Those with AD/HD, generalized anxiety, and/or specific learning disabilities may particularly benefit from the program.

Email ([wildcatleap@jwu.edu](mailto:wildcatleap@jwu.edu)) to learn more.

## Residential Life

All Johnson & Wales University students are required to live in university housing as shared below, unless they meet one or more of the criteria:

- 1. For the current students (enrolled in 2023-2024 academic year or prior)** the live-on requirement is for the first two (2) years unless
  - They are married or have dependents.
  - They are 21 years of age or older.
  - They are living at home with a parent or legal guardian and commuting within a 50-mile radius of campus.
  - They are experiencing a financial hardship.
  - They have a disability requiring off-campus living.
  - They are not eligible to live on campus (*please see below*).
- 2. For the students enrolling for 2024-2025 academic year or beyond,** the live-on requirement is for their first three (3) years unless
  - They are married or have dependents.
  - They are 24 years of age or older.

- They are living at home with a parent or legal guardian and commuting within a 25-mile radius of campus.
- They are experiencing a financial hardship.
- They have a disability requiring off-campus living.
- They are not eligible to live on campus (*please see below*).

Students who wish to request a housing requirement exemption should feel out appropriate forms:

- New to JWU (first year and transfer): using Admissions Portal
- Returning and current JWU students: using Housing Portal (through JWU Link)

Students who have been convicted of certain felonies or have had certain felony-type charges sustained in a juvenile proceeding, such as crimes of violence, serious drug offenses and sex offenses, are not eligible to live in university housing. Additionally, students enrolled in the College of Professional Studies and obtaining their degrees fully online are not eligible to live in university housing.

Residential Life provides information regarding a variety of living accommodations on campus and programs for students. For additional opportunities to get involved on campus, please contact Student Engagement.

Students requesting accommodations should contact Accessibility Services.

Off-Campus Student Services can assist students with off-campus housing, as well as connections with other commuters. Students should contact them directly by email ([offcampusstudentservices@jwu.edu](mailto:offcampusstudentservices@jwu.edu)).

## Safety & Security

Please consult a catalog for campus-specific information regarding Campus Safety & Security.

## Student Academic Services

Student Academic Services is comprised of several departments that assist students with a variety of academic matters, such as maintaining student records, course scheduling, degree audits and progress, and providing academic counseling.

## Student Engagement

Student Engagement facilitates the transition and continued integration of undergraduate students within academic and co-curricular life. It provides transformational experiences for students, families and student leaders to set the foundation for a student's journey as a Wildcat for life. The department adheres to the following foundational principles:

- Encourage lifelong **learning and development** through intentional experiences focused on transition and **leadership**.
- Foster collaborative partnerships to encourage **community**.
- Deliver campus events and traditions that create **belonging, community** and **affinity**.
- Reassure families about challenges and opportunities they or their students may encounter while offering resources and services to support their students' **learning and development**.

Student Engagement has two locations: the Citizens Bank Center for Student Involvement (CBCSI) on the Downcity Campus and the Friedman Center on the Harborside Campus. Some programs and services include

- 100+ student organizations
- fraternity and sorority life
- community service and volunteerism
- leadership opportunities and workshops
- fall/Halloween, winter and spring/Founders' Week events
- student government
- free movie series
- campus traditions such as Ignite the Night, One-Ton Sundae, Homecoming & Family Weekend, Wildcat Wahoo Carnival and more

## Organizations

Opportunities abound for students to get involved in student organizations and become engaged in the Wildcat community at JWU's Providence

Campus. See Student Organizations to learn more about ways to get involved in student organizations and access the Student Organization Handbook to learn about starting new organizations on campus.

## Fraternity and Sorority Life

Getting involved in the fraternity and sorority life community at the Providence Campus is a fantastic way to build a network of resources that lasts a lifetime. See Fraternity and Sorority Life for currently available fraternities, sororities and social fellowships.

## Expectations

When a student becomes a member of a student organization or team, that student represents not only themselves, but also the university and the organization or team. Groups may be held responsible as a whole for the misconduct of their individual members, including, but not limited to, any violation of the Student Code of Conduct, any other university rule or policy, or any local, state or federal law. Please refer to the Student Code of Conduct for more information regarding group responsibility.

## Student Financial Services

Student Financial Services is comprised of several departments that assist students with a variety of financial matters, such as applying for financial aid, payment plans, invoicing, financial aid offer notifications, financial questions and procedures.



**JOHNSON & WALES**  
UNIVERSITY

[jwu.edu/providence](http://jwu.edu/providence)  
[catalog.jwu.edu/providence](http://catalog.jwu.edu/providence)

Free applications for admission online at  
**[apply.jwu.edu](http://apply.jwu.edu)**