

# JOHNSON & WALES UNIVERSITY



2015–2016  
CATALOG



PROVIDENCE  
CAMPUS

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# 2015–16 Providence Catalog

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This catalog is an official publication of Johnson & Wales University. As such, it and any other publications or policies provided on JWU's website are subject to revision at any time. The university reserves the right to add, withdraw or revise any course, program of study, provision or requirement described within the catalog as may be deemed necessary. Occasionally, program requirements will vary by the publication date of the catalog. Requirements stated in the edition published closest to the September enrollment date will take precedence.

Students should read and fully understand the rules, requirements and policies described in this catalog. Additionally, all enrolled students are expected to be familiar with the contents of the Providence Campus Student Handbook. The Providence Campus Student Handbook contains important information regarding the 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. The Providence Campus Student Handbook (<http://catalog.jwu.edu/handbook/providence>) is available online. Copies of the Providence Campus Student Handbook and this catalog are available at Student Academic & Financial Services.

# Letter from Providence Campus President and Chief Operating Officer

It is my honor to welcome you to Johnson & Wales University's Providence Campus, the oldest and largest of our four campuses.

Lately, just about every college is talking about experiential education. And that's because it works. At Johnson & Wales we've been perfecting this approach for 100 years. It's why we're world renowned for providing students with the optimal blend of intellectual development, industry-focused education, résumé-building work experiences, leadership opportunities and an uncommon depth of career services.

It's also why both *Forbes* and *U.S. News & World Report* rank JWU among the best colleges and universities in the U.S., and why the National Society for Experiential Education conferred upon JWU its highest honor: the 2014 William M. Burke Presidential Award for Excellence in Experiential Education.

In addition, our student services and activities, campus facilities and dedication to the community make the Providence Campus comfortable for all types of students from various backgrounds. In fact, with six colleges and universities within the city and five more throughout Rhode Island, Providence has the highest per capita concentration of college students in the U.S.

Providence is a truly vibrant and cultural city with a small town feel and all the charms of New England. These elements make for an attractive place to live, work and visit. With its plethora of renowned restaurants and close proximity to Rhode Island's famous beaches, Providence has been listed for four consecutive years by *Travel + Leisure* magazine as one of America's Favorite Cities — and was its top pick for 2014.

I've been a part of the JWU community since 1988, and am proud of our commitment to educational excellence that inspires professional success and lifelong personal and intellectual growth.

I invite you to visit and learn more about our dynamic campus ([http://admissions.jwu.edu/visit\\_connect](http://admissions.jwu.edu/visit_connect)) and commitment to excellence.

Sincerely,  
Mim L. Runey, LP.D.  
Providence Campus President and Chief Operating Officer



# 2015-2016 Academic Calendar: Providence Campus

## Undergraduate and Graduate Programs

This calendar is offered for planning purposes only; dates are subject to change. Note: Physician Assistant Studies, Doctoral and Online programs follow a separate calendar.

	=important date
	=no classes/holiday/break

- 8 **Fall term begins**  
11 Make-up classes held for:  
-Monday CE + Grad. classes  
-Day culinary & baking labs  
25 Classes held for:  
-Day culinary & baking labs

SEPTEMBER '15						
S	M	T	W	Th	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			

MARCH '16						
S	M	T	W	Th	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		

- 5 Make-up classes *if needed* for weekend culinary & baking labs  
6 Winter term weekend culinary & baking labs end  
8 **Spring term begins**  
11 Make-up classes held for:  
-Monday CE + Grad. classes  
-Day culinary & baking labs  
25 No classes; Good Friday  
27 No classes; Easter

- 12 No classes; Columbus Day  
13 Monday class schedule  
16 Make-up classes held for:  
-Tuesday CE + Grad. classes  
-Day culinary & baking labs  
16 Academic course withdrawal Deadline  
16-18 Family Weekend

OCTOBER '15						
S	M	T	W	Th	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

APRIL '16						
S	M	T	W	Th	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

- 1 Classes held for:  
-Day culinary & baking labs  
15 Make-up classes held for:  
-Thursday Grad. classes  
15 Academic course withdrawal deadline

- 6 **Winter payment deadline**  
13 Friday classes final exam  
16-17 Reading days (no classes) for M/W + T/Th day classes  
16 Monday classes final exam  
17 Tuesday classes final exam  
18 Monday/Wednesday + Wednesday classes final exam  
19 Tuesday/Thursday + Thursday classes final exam + day culinary & baking lab classes end  
21 Culinary/pastry weekend academic classes final exam  
23-27 Thanksgiving & term break  
28 Make-up classes *if needed* for weekend culinary & baking labs  
29 Fall term weekend culinary & baking labs end

NOVEMBER '15						
S	M	T	W	Th	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					

MAY '16						
S	M	T	W	Th	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				

**Commencement ceremonies:**  
May 19 = graduate + post-graduate  
May 21 = undergraduate

- 6 **Summer payment deadline**  
12 Reading day (no classes) for T/Th day classes  
14 Saturday classes + Culinary/pastry weekend academic classes final exam  
16 Reading day (no classes) for M/W day classes  
16 Monday classes final exam  
17 Tuesday/Thursday + Tuesday classes final exam  
18 Monday/Wednesday + Wednesday classes final exam  
19 Friday classes final exam+ day culinary & baking lab classes end  
20 Residence halls close at noon  
30 No classes; Memorial Day Weekend

- 1 **Winter term begins**  
4 Make-up classes held for:  
-Monday CE + Grad. classes  
-Day culinary & baking labs  
18 Holiday break begins (no classes); *note: residence halls close Dec. 18 at noon and re-open Jan. 2 at noon*

DECEMBER '15						
S	M	T	W	Th	F	S
		1	2	3	4	5
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20	21	22	23	24	25	26
27	28	29	30	31		

JUNE '16						
S	M	T	W	Th	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		

- 6 **Summer term begins**  
Session I classes begin  
11 Make-up classes *if needed* for weekend culinary & baking labs  
12 Spring term weekend culinary & baking labs end  
20 Culinary laboratory segments begin  
21 Academic course withdrawal deadline for session I  
30 Session I classes final exam

- 2 Holiday break ends  
- CE culinary & baking labs resume on the 3rd; all other classes resume on the 4th  
8 Classes held for:  
-Day culinary & baking labs  
18 No classes; M.L. King Jr. Day  
19 Monday class schedule  
22 Make-up classes held for:  
-Tuesday CE + Grad. classes  
-Day culinary & baking labs  
22 Academic course withdrawal deadline

JANUARY '16						
S	M	T	W	Th	F	S
					1	2
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

JULY '16						
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

- 4 No classes; Independence Day  
5 Session II classes begin  
8 Make-up classes held for:  
-Summer session II classes  
-Monday CE + Grad. classes  
15 **Fall 2016 payment deadline (for new students)**  
15 Academic course withdrawal deadline for CE, Grad. + online  
19 Academic course withdrawal deadline for session II  
28 Session II + 8 week session classes final exam

- 5 **Spring payment deadline**  
22-23 Reading days (no classes) for M/W + T/Th day classes  
22 Monday classes final exam  
23 Tuesday classes final exam  
24 Monday/Wednesday + Wednesday classes final exam  
25 Tuesday/Thursday + Thursday classes final exam + day culinary & baking lab classes end  
26 Friday classes final exam  
27 Culinary/pastry weekend academic classes final exam

FEBRUARY '16						
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14	15	16	17	18	19	20
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28	29					

AUGUST '16						
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- 5 **Fall 2016 payment deadline (for returning students)**  
8-12 CE + Grad. classes end  
20 Summer internships + online classes end  
26 Culinary laboratory segments end

# 2015-2016 Doctoral Program Academic Calendar Providence Campus

Updated August 18, 2014

AUGUST '15						
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
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30	31					

SEPTEMBER '15						
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OCTOBER '15						
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25	26	27	28	29	30	31

NOVEMBER '15						
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29	30					

DECEMBER '15						
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JANUARY '16						
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31						

FEBRUARY '16						
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

MARCH '16						
S	M	T	W	Th	F	S
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13	14	15	16	17	18	19
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APRIL '16						
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MAY '16						
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JUNE '16						
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26	27	28	29	30		

JULY '16						
S	M	T	W	Th	F	S
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31						

AUGUST '16						
S	M	T	W	Th	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			

	=important date
	=no classes/holiday/break
	=Doctoral classes held

## August 2015

7 Fall 2015 payment deadline  
15 Dissertation Advisement ends  
21-22 Fall Doctoral classes begin

## September 2015

7 Labor Day  
11 - 12 Doctoral classes held  
25 - 26 Doctoral classes held

## October 2015

2 - 3 Doctoral classes held  
12 Columbus Day  
16 Course withdrawal deadline  
16 - 17 Doctoral classes held  
30 - 31 Doctoral classes held

## November 2015

6 - 7 Doctoral classes held  
20 - 21 Doctoral classes held  
25-28 Thanksgiving break

## December 2015

4 - 5 Doctoral classes held  
11 Spring payment deadline  
11 - 12 Doctoral classes held

## January 2016

8 - 9 Spring Doctoral classes begin  
18 M.L. King Jr. Day  
22 - 23 Doctoral classes held

## February 2016

5 - 6 Doctoral classes held  
19 - 20 Doctoral classes held

## March 2016

4 Course withdrawal deadline  
4 - 5 Doctoral classes held  
18 - 19 Doctoral classes held  
27 Easter

## April 2016

1 - 2 Doctoral classes held  
15 - 16 Doctoral classes held

## May 2016

6 Summer payment deadline  
13 - 14 Doctoral classes held  
19 Commencement  
30 Memorial Day

## June 2016

6 Dissertation Advisement begins

## July 2016

4 Independence Day  
22 Course withdrawal deadline

## August 2016

5 Fall payment deadline  
20 Dissertation Advisement ends  
26 - 27 Fall Doctoral classes begin



# About JWU

Founded in 1914, Johnson & Wales University is a private, nonprofit, accredited institution with approximately 16,000 graduate, undergraduate and online students at its four campuses in Providence, R.I.; North Miami, Fla.; Denver, Colo.; and Charlotte, N.C. An innovative educational leader, the university offers degree programs in arts and sciences, business, culinary arts, education, nutrition, hospitality, physician assistant studies, engineering and design. Its unique model integrates arts and sciences and industry-focused education with work experience and leadership opportunities, inspiring students to achieve professional success and lifelong personal growth. The university's impact is global, with alumni from 119 countries pursuing careers worldwide.

Here's what makes JWU different.

- Degree programs are designed to provide you with the knowledge and skills employers have identified as necessary in your field of choice. And you don't have to wait to build your career skills, as you'll have the opportunity to take courses in your major in your first year.
- Students learn by doing. Faculty, many with industry experience, bring professional knowledge and networking opportunities into small classroom settings.
- JWU's programs provide opportunities for real-world experience, which can include internships, classroom projects with actual companies and community service learning. You'll learn industry best practices and train on career-specific tools and software.
- Dedicated faculty and career advisors help you set professional goals and develop an educational plan designed for you to best attain those goals. In addition, specialized workshops help you build your résumé, highlight your skills and develop a portfolio of work to help set you apart.
- You'll 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.
- JWU students intern at nearly 2,000 sites related to their major each year worldwide.
- At least one-third of credits in each JWU program are in the arts and sciences to help you develop the critical thinking, communication and analytical skills necessary for long-term career progression.
- JWU offers 40 study abroad programs and independent exchanges, all of which include study such as lecture, industry visits and cultural excursions. Study Abroad staff members will help you identify programs that best fit your academic and career goals.
- Participation in competitions as a member of DECA, BPA, FCCLA and other nationally recognized student organizations help build leadership, career skills and your résumé.
- Community service is integral to our educational philosophy. Our ongoing commitment to community service has repeatedly earned JWU a place on the President's Higher Education Community Service Honor Roll.

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

## History of JWU

Johnson & Wales University (JWU) was founded as a business school in 1914 in Providence, R.I., by Gertrude I. Johnson and Mary T. Wales. From its origins as a school devoted to business education, JWU has grown to a junior college, to a senior college, and ultimately to university status.

JWU was accredited in 1954 by the Accrediting Council for Independent Colleges and Schools (ACICS).

In 1963 the State of Rhode Island granted a charter that authorized the university to operate as a nonprofit, degree-granting institution of higher learning and to award associate degrees in accounting, business administration, court reporting and secretarial sciences.

In 1970 the State of Rhode Island approved a revision in the university's charter allowing it to award baccalaureate degrees as well as associate degrees.

In 1972 and 1973 the university announced the addition of new associate degree programs in the fields of hospitality and culinary arts. This led to

additional two- and four-year degree programs in the hospitality and food service fields.

In 1980 the university was granted a legislative charter to replace its previous charter and became authorized to award advanced degrees.

In 1984, a JWU campus was established in Charleston, S.C., which offered a variety of two- and four-year programs in food service, hospitality and travel-tourism. A JWU campus opened in Norfolk, Va., in 1986, offering one- and two-year food service programs.

In 1985, graduate degree programs were introduced at the university, and the university officially changed its name to Johnson & Wales University in 1988.

In 1992, JWU opened a campus in North Miami, Fla. That year also marked the university's formal establishment of the College of Business, The Hospitality College, the College of Culinary Arts and the School of Technology. A new emphasis on general studies was introduced with the development of the School of Arts & Sciences.

The university's School of Technology offered courses in Worcester, Mass., from 1992–2002.

JWU received regional accreditation from the Commission on Institutions of Higher Education of the New England Association of Schools and Colleges (NEASC) in 1993. In that same year, JWU opened a campus in Vail, Colo., which offered an accelerated associate degree program in culinary arts to college graduates. The year also marked the beginning of a four-year bachelor's degree offering in culinary arts.

From 1994–2004 JWU offered programs at the Institute of Higher Marketing (IHM) Business School in Göteborg, Sweden. This joint educational agreement allowed business and hospitality students to complete one year of study in Sweden and finish their degrees at one of the university's domestic campuses.

The university consolidated its institutional accreditation efforts under NEASC on June 30, 2000.

September 2000 marked the opening of the Denver, Colo., campus. In 2000, the Vail Campus merged with the Denver Campus.

In 2002, the university made a strategic decision to consolidate its smaller Charleston and Norfolk campuses to build a campus in Charlotte, N.C. JWU's Charlotte Campus opened in fall 2004. The Charleston and Norfolk campuses officially closed in May 2006.

Beginning with the 2008–2009 academic year, JWU's College of Business and The Hospitality College eliminated associate degrees and began offering only bachelor of science degrees that allowed students to customize their education. This decision did not impact the College of Culinary Arts and the School of Technology.

In 2009–2010 JWU recruited, admitted and enrolled the entering class for two online bachelor's degree programs in food service management.

In fall 2012 the university began offering a degree in counseling psychology, the first bachelor's degree program offered through the John Hazen White School of Arts & Sciences. This was followed in fall 2013 by the addition of two more arts and sciences degree programs.

That same year, the university restructured into three colleges and three schools: the College of Culinary Arts, the College of Management, John Hazen White College of Arts & Sciences, the School of Engineering & Design, the School of Online & Continuing Education, and the Center for Physician Assistant Studies (to be incorporated into a future School of Health Sciences).

Today the university is offering a variety of new degree programs that reflect the growing industries of tomorrow.

## 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 unique student-centered culture we will be guided by the following principles:

- Undertake continuous improvement and planning for a sustainable future.

- Foster a teaching-focused university that encourages appropriate scholarship and offers relevant programs that maximize student potential.
- Enrich our academic programs with experiential and work-integrated learning.
- Be cost-conscious in our endeavor to provide an affordable private university education and be a good steward of our resources.
- Embrace diversity for a richly inclusive community.
- Model ethical behavior and local, national and global citizenship.
- Value our faculty and staff by investing in their quality of life and professional development.
- Provide facilities, technology and other resources to meet the needs of students, faculty and staff.

## Providence Campus

### Providence, Rhode Island

Since its opening in 1914, Johnson & Wales University's original campus in Providence, R.I., has grown from a small business school to a large, international university featuring business, culinary arts, hospitality, physician assistant, engineering & design and arts & sciences programs.

For more information about JWU's Providence Campus (<http://www.jwu.edu/providence>), 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 U.S., 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 Management, the School of Engineering & Design, the John Hazen White College of Arts & Sciences and the Center for Physician Assistant Studies.

The nearby Harborside Campus sits on 105 scenic acres along Narragansett Bay, and houses the College of Culinary Arts, the Wildcat Center (home of the NCAA Division III Wildcats), and the 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

THE ACADEMIC CENTER at 138 Mathewson Street houses the School of Engineering & Design and features classrooms; the media/graphics department; computer, engineering and science laboratories; faculty offices; the dean's office; the Alan Shawn Feinstein Technology & Design Center; and the School of Engineering & Design Presentation Room.

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

THE CITIZENS BANK CENTER FOR STUDENT INVOLVEMENT at 2 Richmond Street 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, located at 274 Weybosset Street, houses Information Technology Operations.

THE INTERNATIONAL CENTER, located at 274 Pine Street and the Xavier Complex, houses International Student Services, Study Abroad and the BRIDGE Center.

THE JOHN HAZEN WHITE COLLEGE OF ARTS & SCIENCES at 30 Chestnut Street (the 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 the Market Place campus dining facility, the Center for Academic Support for the Downcity Campus, Experiential Education & Career Services for the Downcity Campus, and the dean's office and faculty offices.

JOHNSON HALL, located at 59 Chestnut Street, includes Accounting faculty offices, several Accounting classrooms, City Burger (a snack bar and grill for students, faculty and staff) and Starbucks®.

The Johnson & Wales University PARKING GARAGE, located 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. Offices for Campus Safety & Security's Administration and Crime Prevention and Community Outreach are located on the first floor. Also on the first floor is 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.

ONE WEYBOSSET HILL, located at 33 Broad Street, houses the central administration office of the university and Institutional Research on the sixth floor, and University Admissions, National Student Organizations and Information Technology on the fifth floor. It is also the home of the University Bookstore (operated by Follett Higher Education Group), located on the first floor.

THE RICHMOND Building is located at 270 Weybosset Street. It currently houses Information Technology, the Faculty Center for Academic Excellence, and Student Communications, as well as the Providence Police Department District 1 Substation.

The administrative and operations headquarters for CAMPUS SAFETY & SECURITY are located at 264 Weybosset Street.

THE STUDENT SERVICES CENTER, located at 274 Pine Street, houses Student Academic & Financial Services, Student ID cards, and Inactive Records.

THE TACO CENTER FOR BUSINESS AND ARTS & SCIENCES, located at 10 Abbott Park Place, houses classrooms and faculty offices for the economics department, the science department and the Larry Friedman International Center for Entrepreneurship. In the Center for Entrepreneurship resides the Veterans HQ, a lounge for alumni veterans. The Alan Shawn Feinstein Community Service Center and the Honors Program office are on the fifth floor.

WALES HALL, located 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, Student Payroll, Health Education and the Gender Equity Center 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 and Payroll.

THE XAVIER COMPLEX, located at 259 Pine Street 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 Management. The Statler Dining Room, a hospitality kitchen lab, Bistro 61 and a hospitality beverage lab are on the first floor.

Xavier Hall in the Xavier Complex includes an interdenominational chapel, Online Learning, and a residence hall with laundry facilities.

THE YENA CENTER, located at 111 Dorrance Street in Downcity Providence, houses the main library and library administrative offices, undergraduate

Admissions (except culinary), D'Amico Auditorium, Catering and Special Events, and the university's offices for Accounts Payable; Accounting; Procurement; Compliance, Internal Audit & Risk Management; and Office of General Counsel, as well as Wildcat Cafe.

#### **Academic Facilities and Administrative Offices — Harborside Campus**

63 BAKER STREET houses Resource Development, Alumni Relations, University Design & Editorial Services and University Marketing.

The ALUMNI HOUSE at 1146 Narragansett Boulevard in Cranston is used for distinguished visiting professor lodging.

The CUISINART CENTER FOR CULINARY EXCELLENCE, located at 333 Shipyard Street, is where the College of Culinary Arts is based. This also includes College of Culinary Arts faculty offices, the 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, meatcutting and meat processing rooms, receiving and storeroom, an oenology and beverage service laboratory, and culinary purchasing offices.

The GRACE WELCOME CENTER at 120 Harborside Boulevard 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, located at 1150 Narragansett Boulevard 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 Boulevard houses department faculty offices for the College of Culinary Arts, as well as the department chairs of culinary arts and food service.

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®, Red Sauce Pizza & Pasta, 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, located at 321 Harborside Boulevard, houses several student services that have been located together for student convenience.

These offices and their hours of operation are

- Residential Life: Monday–Friday, 8:30 a.m. to 4:30 p.m.
- Experiential Education & Career Services: Monday–Friday, 8:30 a.m. to 4:30 p.m.
- Student Academic & Financial Services: Monday–Thursday, 8:30 a.m. to 6 p.m.; Friday, 8:30 a.m. to 4:30 p.m.; Saturday, 9 a.m. to noon (first Saturday of each month)

Also located in this building are the Center for Academic Support, the Culinary Arts Museum at JWU, the Harborside Campus Library, Printing & Mailing Services, the Harborside Substation of Campus Safety & Security, Liberty Market, the warehouse, the administrative offices of Facilities Management, Facilities Engineering and Maintenance, classrooms, the office of the vice president of student affairs, Counseling Services on the second floor, and department faculty offices for the John Hazen White College of Arts & Sciences, College of Management and School of Online & Continuing Education.

The WILDCAT CENTER, located at 305 Shipyard Street, houses Health Services for the Harborside Campus, Athletics, two gymnasiums, student life programming space, game room, fitness center, the university's Harborside Bookstore (operated by Follett Higher Education Group), Student Involvement & Leadership and Student Conduct.

#### **University-owned or -operated Practicum Educational Facilities**

JWU is in a unique position to offer students experience-based learning in a variety of industry-related businesses. The following practicum educational facilities are owned or operated by JWU and provide students with internships in their field of study.

The RADISSON HOTEL PROVIDENCE AIRPORT, located in Warwick, R.I., near T.F. Green State Airport, offers internships in culinary, restaurant, food service and lodging operations.

Equine students study horse care and management at the CENTER FOR EQUINE STUDIES, a 31-acre JWU-owned facility in Rehoboth, Mass. The facility includes a 32-stall stable, indoor arena with interior observation area, outdoor dressage and jumping rings, all with premium wax footings. Also on the property lies a four acre practice jumping field with wooded trails. The facility is reserved for the university's exclusive use, with limited space for students to board their own horses.

In SCHOOL OF ENGINEERING & DESIGN LABS including the Alan Shawn Feinstein Center for Technology & Design, students perform graphics, Web, programming, networking, database and other technology-based services for a number of clients.

In UNIVERSITY FINANCE AND ACCOUNTING, accounting students have the opportunity to gain experience in a variety of accounting and financial functions including student payroll, accounts payable, accounting clerk functions in inventory and sales reporting, general ledger, financial reporting and budgeting, and accounting cycle functions.

The food service industry spans a range of operational facilities and outlets. Johnson & Wales University provides a variety of food service outlets that serve as practicum educational facilities for students participating in internships. The spectrum of food service operations varies from high-quantity volume production to specialized coffee and retail outlets. The following are some of the practicum educational facilities available for internships.

CITY BURGER, located at the corner of Chestnut and Pine streets, is the best place to grab a fresh-ground hamburger, hand-cut fries and a milkshake.

HARBOR VIEW at the Harborside Campus is a quantity-food facility. It serves a wide variety of fresh foods daily.

The JOHNSON & WALES COMMISSARY is located in Harbor View at the Harborside Campus. This high-volume professional baking and state-of-the-art cook-chill facility produces desserts and pastries served universitywide.

LIBERTY MARKET, located in The Friedman Center, offers healthy foods and snacks, fresh coffee and pastries, art and school supplies and various residence hall room necessities. It also offers a large selection of juices, energy drinks, frozen entrées, ice cream and favorite snack foods, including vegetarian and organic items, as well as magazines, specialty gift baskets and personal items.

THE MARKET PLACE is located in the John Hazen White College of Arts & Sciences at the corner of Pine and Chestnut streets. It serves great food cooked to order, and features Nature's Bounty Grill, where all items are sustainable, all-natural or organic.

RED SAUCE PIZZA & PASTA, located in the Harborside Academic Center at the Harborside Campus, is the latest lunch, dinner and late-night dining option. The menu features made-to-order pastas, grilled pizzas, calzones, sandwiches and farm fresh salads.

SNOWDEN DINING CENTER is located on Weybosset Street, and specializes in a variety of grilled and made-to-order items and signature sandwiches.

STARBUCKS® store, operated by Johnson & Wales University pursuant to a license from Starbucks Corporation, is located next to City Burger at the corner of Chestnut and Pine streets. A second Starbucks store is located on the Harborside Campus. Wildcat Café is located in The Yena Center. Menu items include coffee, tea and pastry selections.

The WEYBOSSET STREET CAFÉ, located on the corner of Page and Weybosset streets, is a lounge/study space which offers a specialized limited menu at specific times.

#### **University Library Network**

The Johnson & Wales University Library Network is comprised of the libraries of the Providence, R.I.; North Miami, Fla.; Denver, Colo.; and Charlotte, N.C. campuses. An important aspect of the network is the access it provides to resources, services and facilities shared by the Higher Education Library Information Network (HELIN), a consortium of academic, law and health sciences libraries in southern New England. Johnson & Wales University Library is also a key partner with the university's academic programs in the enhancement of student research skills through the delivery of classroom instruction, online information literacy tutorials, Web-based guides



customized to the research outcomes of specific courses and curricula, plus personalized reference services delivered to students in person, over the phone, through email, online chat, or SMS. In addition, the library hosts the Scholar's Archive@JWU (<http://scholarsarchive.jwu.edu>), an open-access digital commons dedicated to preserving and promoting examples of scholarly or artistic works produced at or belonging to the university.

The main Johnson & Wales University Library facility in Providence occupies the first two floors of The Yena Center at 111 Dorrance Street. It houses the largest of the University Library Network's book, periodical and audiovisual resource collections, as well as the administrative offices of the university dean of libraries. Other resources include access to numerous online databases, computer workstations, group study rooms, private study carrels, soft seating, an electronic classroom and wireless Internet connectivity throughout the facility. Coffee, tea and light snacks can be purchased from the We Proudly Serve café, generally open according to library hours. During the academic year the library's hours are Monday through Thursday, 7:30 a.m. to midnight; Friday, 7:30 a.m. to 8 p.m.; Saturday, 10 a.m. to 7 p.m.; and Sunday, 11 a.m. to midnight. Professional reference services are available Monday through Thursday, 8 a.m. to 10 p.m.; Friday and Saturday, 8 a.m. to 6 p.m.; and Sunday, 2 to 10 p.m. Note that schedules are subject to change during exam weeks, term breaks, holidays and over the summer.

Library collections and services at the Harborside Campus are located in The Friedman Center at 321 Harborside Boulevard and primarily support the curricula for the College of Culinary Arts, with ancillary resources available for graduate programs. Like its Downcity affiliate, this facility provides access to online databases, computer workstations, group study rooms and wireless Internet connectivity, as well as numerous books, periodicals and audiovisual resources. In addition, this library holds an important collection numbering in the thousands of restaurant menus from around the world. Hours of operation during the academic year are Monday through Thursday, 7:30 a.m. to midnight; Friday, 7:30 a.m. to 10 p.m.; Saturday, 8 a.m. to 7 p.m.; and Sunday, 11 a.m. to midnight. Professional reference services are available Monday through Thursday, 8 a.m. to 10 p.m.; Friday, 9 a.m. to 5 p.m.; Saturday, 8 a.m. to 3 p.m. and Sunday, 2 to 10 p.m.

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

Located in The Friedman Center at 315 Harborside Boulevard on the Harborside Campus, the Culinary Arts Museum at JWU is an educational resource for Johnson & Wales University, the community-at-large, food scholars and the food service industry. The Culinary Arts Museum at JWU seeks to both preserve and interpret the broad culinary and hospitality heritage addressed by the university. It is a showcase for 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, the development of culinary equipment and technology, the diverse menus offered and the places where people dine.

Since its founding in 1989, the Culinary Arts Museum has acquired several substantial donations and individual gifts which are in need of varying degrees of additional documentation and conservation. Starting May 20, 2013, Johnson & Wales University conducted a comprehensive inventory of the holdings, a collection estimated to be more than 250,000 items.

### **Computer Laboratories**

Johnson & Wales University has computer labs (<http://www.jwu.edu/content.aspx?id=6584>) 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.

Lab locations are

#### **Downcity Campus**

Academic Computer Labs  
Academic Center — 4th floor  
138 Mathewson Street, Providence, R.I.  
401-598-1504

#### **Xavier Computer Labs**

Xavier Academic Complex — 2nd floor  
259 Pine Street, Providence, R.I.

401-598-1537

### **Harborside Campus**

Harborside Computer Labs  
Harborside Academic Center  
265 Harborside Boulevard, Providence, R.I.  
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 term, each room is provided with a MicroFridge®, which students may opt to rent for the rest of the year, with the exception of Renaissance Hall, The Cove and Harborside Village, which feature full-size refrigerators. Students are allowed only one MicroFridge per room.

#### **Downcity Campus**

##### **The Cove**

1 Park Row West, Providence, R.I.  
401-680-7780

The Cove is open to sophomores, juniors and seniors and is located Downcity near the train station and a short walk from campus. This hall has two-, three- and four-person apartments which feature gourmet kitchens, stainless steel appliances, granite counter-tops and hardwood floors. Bedrooms are carpeted and a washer/dryer is provided in each apartment unit (no card or coin required). Residents of The Cove are required to agree to abide by a community policy agreement as a condition to residing in The Cove. There is no meal plan included at this hall. Students can purchase Wildcat Meals from Student Academic & Financial Services.

##### **Imperial Hall**

15 Hospital Street, Providence, R.I.  
401-598-1166

Imperial Hall is a residence facility containing single-, double-, triple- and some quad-occupancy rooms. Single- and double-occupancy rooms on the second and third floors have private baths, at a slightly higher cost than the first floor. The first floor of Imperial offers community bathrooms as well as an on-site kitchen, plus community space on the lower level. It is reserved primarily for upperclassmen. Student parking is not available at this hall.

##### **McNulty Hall**

101 Pine Street, Providence, R.I.  
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 engineering & design, business, hospitality, arts & sciences and culinary arts 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.

##### **Renaissance Hall**

101 Cedar Street, Providence, R.I.  
401-598-2800

Renaissance Hall is located at the corner of Dean and Cedar streets, near the historic Federal Hill section of Providence. Renaissance houses first-year, international and upper-class students. Located on a regular university bus route, it is close enough to classes that many students choose to walk together to class. This facility provides suite-style living with primarily four residents in each unit. Equipped with kitchens and private baths, this facility also maintains a recreation room and study rooms, as well as a laundry room. Limited university student parking is available through a lottery process for upperclassmen. There is no meal plan included at this hall. Students can purchase Wildcat Meals from Student Academic & Financial Services.

##### **Snowden Hall**

32 Page Street, Providence, R.I.  
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 upperclassmen. It also houses a dining



center featuring grilled-to-order items and signature sandwiches. Student parking is not available at this hall.

#### **Xavier Hall**

60 Broad Street, Providence, R.I.  
401-598-1496

Xavier Hall, adjacent to the Xavier Academic Complex, has a limited number of single-occupancy rooms for upperclass 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 Avenue, Providence, R.I.

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 Boulevard, Cranston, R.I.  
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 upperclassmen and some first-year students. There is limited parking available.

#### **Harborside Village**

100 Harborside Boulevard, Providence, R.I.  
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 Academic & Financial Services.

#### **Centennial House**

135 Norwood Avenue, Cranston, R.I.

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 Services**

JWU is in a unique position to provide students with quality food service. Culinary arts and hotel students, as part of their laboratory training, provide much of the food service at the university, under the supervision of professional chef-instructors.

The following dining centers are available for students on a meal plan and their guests: Harbor View Dining Center, Market Place, Red Sauce Pizza & Pasta, Weybosset Street Café, Snowden Dining Center, City Burger, as well as three Starbucks® which are located on the Downcity and Harborside campuses.

All resident students, except for those living in The Cove and Harborside Village, are required to subscribe to the university's Room and Board plan, which provides 15 meals per week. Commuter and all resident students may make use of the campus dining facilities as well by purchasing commuter meals. Meals can be purchased individually or at a discounted price in blocks of 10, 25 or 50 at Campus Dining, located in Harbor View, 1150 Narragansett

Boulevard, Cranston. For more information, contact Campus Dining at 401-598-1433.

## **Accreditations and Approvals**

Johnson & Wales University (JWU) is accredited by the New England Association of Schools and Colleges Inc. (NEASC), through its Commission on Institutions of Higher Education. This accreditation encompasses the university's four campuses in Providence, R.I.; North Miami, Fla.; Denver, Colo.; Charlotte, N.C.; and its online programs. Inquiries regarding JWU's accreditation status should be directed to the Office of the Provost, Johnson & Wales University, One Weybosset Hill, Sixth Floor, 33 Broad Street, Providence RI 02903; phone: 401-598-1410. Individuals may also contact:

Commission on Institutions of Higher Education  
New England Association of Schools and Colleges  
3 Burlington Woods Drive, Suite 100  
Burlington, MA 01803-4531  
Toll-free phone: 888-88-NEASC  
Email (cihe@neasc.org)

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

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

JWU is listed in the Education Directory of Colleges & Universities issued by the U.S. Department of Education.

JWU, its faculty, and members of the administrative staff hold affiliation with numerous organizations.

Johnson & Wales University will make available for review to any enrolled or prospective student, upon request, a copy of the documents describing the institution's accreditation, approval or licensing. This information, as well as contact information for accreditors, may be obtained by contacting the Associate Provost for Planning and Institutional Effectiveness, Office of the Provost, Johnson & Wales University, One Weybosset Hill, Sixth Floor, 33 Broad Street, Providence RI 02903; phone: 401-598-1359.

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

**North Miami Campus:** JWU is licensed by the Commission for Independent Education, Florida Department of Education. Additional information regarding the institution may be obtained by contacting the Commission at 325 West Gaines Street, Suite 1414, Tallahassee, FL 32399-0400; toll-free phone: 888-224-6684.

**Denver Campus:** The Colorado Commission on Higher Education has authorized JWU under the Degree Authorization Act to offer instruction leading to the award of credits and/or degrees in Colorado.

**Charlotte Campus:** The Board of Governors of the University of North Carolina has licensed JWU under G.S. 116-15(b) to conduct degree activity in North Carolina.

#### **Providence and Denver Campuses — B.S. in Culinary Nutrition Program:**

The Providence Campus and Denver Campus Culinary Nutrition programs are accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995; phone: 312-899-0040, ext. 5400. The Providence Campus and Denver Campus Didactic Programs in Dietetics (DPD) meet the standards of education set by ACEND.

**Providence Campus — M.S. in Physician Assistant Studies:** The Accreditation Review Commission on Education for the Physician Assistant (<http://www.arc-pa.org>) (ARC-PA), the accrediting agency that defines the standards for PA education within the territorial U.S., has granted Accreditation-Provisional status to the Physician Assistant Studies Program at Johnson & Wales University.

About Provisional Status: Accreditation-Provisional is an accreditation status. The status indicates that the plans and resource allocation for the proposed program appear to demonstrate the program's ability to meet the ARC-PA Standards, if fully implemented as planned. Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class. Successful graduates will receive a Master of Science in Physician Assistant Studies (MSPAS) from JWU and will be qualified to take the Physician Assistant National Certification Exam (PANCE) that is required for licensure as a physician assistant.

**Online Campus:** Johnson & Wales University offers online B.S. and Master's degree programs in business and hospitality and is required to publish information regarding certain state approvals of these programs.

Johnson & Wales University is registered as a private institution with the Minnesota Office of Higher Education pursuant to sections 136A.61 and 136A.71. Registration with the Minnesota Office of Higher Education is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

The South Carolina Commission on Higher Education, 1122 Lady Street, Suite 300, Columbia, SC 29201 (phone: 803-737-2260), licenses Johnson & Wales University to recruit South Carolina students into its programs. Licensure indicates only that minimum standards have been met; it is not an endorsement or guarantee of quality.

**Student Complaint Process for Online Students:** If you are enrolled as an online student and you have a complaint or grievance that cannot be resolved through Johnson & Wales University's complaint and grievance process, you may file a complaint with the state in which you reside by referring to the following list of State Agencies ([http://www.jwu.edu/uploadedFiles/Documents/Policies\\_and\\_Procedures/JWUState-by-StateInformationforOnlineStudentComplaintProcess.pdf](http://www.jwu.edu/uploadedFiles/Documents/Policies_and_Procedures/JWUState-by-StateInformationforOnlineStudentComplaintProcess.pdf)).

## Affiliations

JWU, 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 Academic & Financial Services.

## Notice of Nondiscrimination

Johnson & Wales University does not discriminate unlawfully on the basis of race, religion, color, national origin, age, sex, sexual orientation, gender identity or expression, genetic information, disability, status as a protected veteran, pregnancy or marital status, or any other unlawful basis in admission to, access to, treatment of, or employment in its programs and activities.

The following person has been designated to handle inquiries regarding this statement: the nondiscrimination coordinator (<http://www.jwu.edu/content.aspx?id=30064775503>) (who is also the university's Title IX coordinator and section 504 coordinator) has been designated to carry out the university's responsibilities under all federal and state discrimination laws, including, but not limited to, Title IX of the Education Amendments of 1972 (Title IX), Section 504 of the Rehabilitation Act of 1973 (504), the Age Discrimination Act of 1975, Title VII of the Civil Rights Act of 1964 and the Americans with Disabilities Act of 1990. **For the contact information for the nondiscrimination/Title IX coordinator, please refer to the campus nondiscrimination liaisons webpage** (<http://www.jwu.edu/content.aspx?id=30064775503>).

The university's full Prohibited Discrimination and Harassment (including Sexual Harassment) Policy is included in the Student Handbook (<http://catalog.jwu.edu/handbook/generalinformationandpolicies/discriminationandharassment>) for each campus (available on the university's website ([http://www.jwu.edu/uploadedFiles/Documents/Policies\\_and\\_Procedures/JWUProhibitedDiscriminationHarassmentPolicy.pdf](http://www.jwu.edu/uploadedFiles/Documents/Policies_and_Procedures/JWUProhibitedDiscriminationHarassmentPolicy.pdf)) or upon request to Equity & Compliance Services ([Equity&ComplianceServices@jwu.edu](mailto:Equity&ComplianceServices@jwu.edu))).

Inquiries concerning the application of the notice of nondiscrimination may also be referred to the appropriate governmental agencies listed below:

Office for Civil Rights (<http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm>), U.S. Department of Education, Customer Service Team, 400 Maryland Avenue, SW, Washington, DC 20202-1100, 800-421-3481. This office may refer the matter to a regional Office for Civil Rights.

Rhode Island:

- Equal Employment Opportunity Commission, John F. Kennedy Federal Building, 475 Government Center, Boston, MA 02203, 617-565-3200
- Rhode Island State Commission for Human Rights, 180 Westminster Street, 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, 617-565-3200
- Massachusetts Commission Against Discrimination, One Ashburton Place, 6th Floor, Room 601, Boston, MA 02108, 617-994-6000

Florida:

- Equal Employment Opportunity Commission, Miami Tower, 100 SE 2nd Street, Suite 1500, Miami FL 33131, 800-669-4000
- Florida Commission on Human Relations, 4075 Esplanade Way, Room 110, Tallahassee, Florida 32399, 850-488-7082

Colorado:

- Equal Employment Opportunity Commission, 303 East 17th Avenue, Suite 410, Denver, CO 80203, 800-669-4000
- Colorado Civil Rights Division, 1560 Broadway, Suite 1050, Denver, CO 80202-5143, 303-894-2997

North Carolina:

- Equal Employment Opportunity Commission, 129 West Trade Street, Suite 400, Charlotte, NC 28202, 800-669-4000
- N.C. Human Relations Commission, 116 W. Jones Street, Suite 2109, Raleigh, NC 27601, 919-807-4420 (Mailing Address: N.C. Human Relations Commission, 1318 Mail Service Center, Raleigh, NC 27699-1318)

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- Thomas P. DiPaola, Ph.D., director, educational leadership program
- Maureen Farrell, Ph.D., department chair, criminal justice
- Laura Galligan, Ph.D. acting department chair, equine studies
- David Newman, M.A., department chair, counseling psychology

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- Robert M. Nograd, B.S., CMC, dean emeritus; B.S., The Technological Institute of Israel

#### Department Chairpersons

- William Idell, M.S., department chair, culinary arts
- Lauren V. Haas, B.S., department chair, international baking & pastry institute

- Dean Lavornia, M.A.T., CEPC, department chair; international baking & pastry institute
- Edward Korry, M.A., CWE, WSET, department chair, dining room and beverage services
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## School of Engineering & Design

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- Nicola LaManna, M.Ed., assistant dean

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- Lisa Nademlynsky, MBA, department chair, technology resource education center
- Kathryn Parchesco, M.S., department chair, engineering and information technologies

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- Jonathan Harris, M.I.D., assistant professor; B.A., University of Wisconsin-Madison; M.I.D., Rhode Island School of Design
- Karyn Jimenez, M.F.A., assistant professor; B.F.A., Moore College of Art & Design; M.F.A., University of the Arts

- Deana Marzocchi, M.S., department chair, assistant professor; B.S., Rhode Island College; B.S., M.S., Salve Regina University
- Eugene Santos, M.A., instructor; B.A., M.A., Rhode Island College

### Engineering and Information Technologies

- Alfred D. Benoit, M.S.C.S., instructor; A.E., Worcester Junior College; B.S.A., Worcester State College; B.S.E.T., Central New England College; M.S.C.S., Worcester State College
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- Sol Neeman, Ph.D., professor; B.S., Israel Institute of Technology; M.S., Rhode Island College; M.S., Johnson & Wales University; Ph.D., University of Rhode Island
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### Innovation Lab

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## College of Management

### Administration

- Michael J. Petrillose, Ph.D., dean, College of Management
- Robert A. Fink, Ed.D., CHE, assistant dean, School of Hospitality

### School of Business

### Department Chairpersons

- Louis D'Abrosca, Ed.D., department chair, accountancy and finance
- John Varlaro, M.A., department chair, management
- Erin Wilkinson, DBA, department chair, marketing

### Faculty Emerita

- 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
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- Corey Smith, MBA, assistant professor; B.S., Bryant University; MBA, University of Massachusetts

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- Ron Bachman, M.S., assistant professor; A.S., B.S., M.S., Johnson & Wales University
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- David Cartwright, M.S., CPA, academic director of online programs

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- Maureen Farrell, Ph.D., professor; 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
- Marian Gagnon, Ph.D., professor; B.A., University of Rhode Island; M.A.T., Johnson & Wales University; Ph.D., The Union Institute University
- Tamara Garcia, M.A., associate professor; A.A., Finger Lakes Community College; B.A., Ithaca College; M.A., Middlebury College
- Gretchen Guertin, M.S., associate professor; B.S., Rhode Island College; M.S., Johnson & Wales University
- Samer Hassan, Ph.D., professor; B.S., M.S., Ph.D., Helwan University
- Mark Hengen, M.S.F., associate professor; B.S., Michigan State University; M.S.F., Yale University
- Oren Hertz, MBA, instructor; B.S., Florida International University; MBA, Nova Southeastern University
- Susan Hirst, M.A.T., associate professor; B.A., University of Rhode Island; M.A.T., Rhode Island College
- William Jarvie, M.A., FMP, CHE, associate professor; A.O.S., Johnson & Wales University; B.A., Michigan State University; M.A., Empire State College
- Alexander Katkov, Ph.D., professor; B.S., Leningrad State University; M.A., Leningrad Institute of Economics and Finance; Ph.D., St. Petersburg University of Economics & Finance
- John Krupa, DBA, professor; B.S., Bryant College; MBA, Providence College; M.A., Rhode Island College; DBA, Northcentral University
- Dawn Lopez, MBA, assistant professor; B.S., MBA, Winthrop University
- Robert Lothrop, MBA, associate professor; A.A.S., B.S., Johnson & Wales University; MBA, University of Phoenix

- Andrea Luoma, Ph.D., associate professor; B.A., St. Cloud State University; M.A., Ph.D., Washington State University
- Sarah Malik, MBA, associate professor; B.S., Manchester Metropolitan University; MBA, Oxford Brookes University
- Peter Martino, MBA, associate professor; B.S., University of Rhode Island; MBA, Bryant University
- David C. Mello, Ph.D., professor; B.S., Bryant College; M.A., Rhode Island College; M.S., Ph.D., Brown University
- David Newman, M.A., associate professor; B.A., Rutgers University; M.A., University of Chicago; M.A., Brown University
- Scott Palmieri, Ph.D., professor; B.A., Providence College; M.A., University of Rhode Island; Ph.D., Salve Regina University
- Thomas Pandolfini Jr., M.A., associate professor; B.A., M.A., Rhode Island College
- Elizabeth Robson, J.D., assistant professor, international business; B.A., Boston College; J.D., Stetson University
- Matthew Samel, MBA, CHE, FMP, associate professor; A.S., Hagerstown Community College; A.S., B.S., MBA, Johnson & Wales University
- Donald Schoffstall, Ph.D., associate professor; A.S., B.S., Johnson & Wales University; M.S., Robert Morris University; Ph.D., Iowa State University
- Desiree Schuler, M.A., associate professor; B.S., M.A., Rhode Island College
- Jessica Sherwood, Ph.D., assistant professor; B.A., Wesleyan University; M.S., Ph.D., North Carolina State University
- Karen E. Silva, Ed.D., CHE; department chair, International Hotel School; B.A, University of Massachusetts — Amherst; M.A., Rhode Island College; Ed.D., Boston University
- Scott Smith, Ph.D., professor; B.S., State College of Denver; MBA, University of Colorado, Boulder; Ph.D., Colorado State University
- Gail St. Jacques, M.S., associate professor; B.A., Syracuse University; M.S., Salve Regina University
- Christine Stamm, Ed.D., professor; A.S., B.S., M.S., Johnson & Wales University; Ed.D., Boston University
- Douglas Stuchel, M.A.T., CHE, assistant professor; A.S., B.S., M.A.T., Johnson & Wales University
- Ryan Tainsh, M.S., assistant professor; B.A., M.S., University of Rhode Island
- Janice Taraborelli, M.A., associate professor; B.A., M.A., University of Rhode Island
- Elizabeth Van Patten, M.S., CHE, assistant professor; B.S., St. John's University; M.S., University of Illinois
- Geraldine E. M. Wagner, Ph.D., professor; B.A., Brooklyn College; M.A., Ph.D., Brown University
- Rex Warren, M.S., assistant professor; B.S., M.S., University of Nevada, Las Vegas
- Brian J. Warrener, MBA, CHE, associate professor; B.A., Harvard University; MBA, University of Rhode Island
- William Weber, M.S., associate professor; B.A., University of Wisconsin; M.S., University of Wisconsin Stout
- Carla White, Ph.D., instructor; B.A., Wheelock College; M.A., University of Rhode Island; Ph.D., Capella University
- Alistair Williams, Ph.D., CHE, WSET, associate professor; B.S., Sheffield Hallam University; M.Sc., University of Huddersfield; Ph.D., Leeds Beckett University
- Pam Young, Ed.D., assistant professor; B.S., Bowling Green State University; MBA, St. Thomas University; Ed.D., University of Miami

## Center for Physician Assistant Studies

### Administration

- George Bottomley, D.V.M., PA-C, assistant dean and director
- Katie Spolidoro, admissions counselor

### Faculty

- George Bottomley, D.V.M., PA-C, assistant dean and director, professor; PA-C, Yale School of Medicine; D.V.M., Michigan State University
- Anthony Mega, M.D., associate professor and medical director; M.D., Dartmouth Medical School
- Rebecca Lovell Scott, Ph.D., PA-C, associate professor and senior academic coordinator; B.A., Beloit College; M.A., Appalachian State

University; PA-C, Bowman Gray School of Medicine; Ph.D., University of South Carolina

- Allison V. Jackson, PA-C, assistant professor and clinical coordinator; B.S., Loyola Marymount University; PA-C, University of Southern California School of Medicine
- Andrew Mackie, M.P.A.S., PA-C, assistant professor and academic coordinator; A.L.B., Harvard University; PA-C, Yale School of Medicine; M.P.A.S., University of Nebraska Medical Center
- Thomas P. Meehan, Ph.D., PA-C, assistant professor; B.S., University of Georgia; M.P.A.S., Baylor College of Medicine; Ph.D., University of Georgia

## Department Directories \*

### Center for Academic Support

- Ann Roccio, M.A., interim director; B.A., Providence College; M.A., Rhode Island College
- Hinda Levin-Kreiger, M.S., special needs advisor; B.A., University of California at San Diego; M.S., University of Rhode Island
- Meryl Precourt, M.S., special needs advisor; B.S., Boston University; M.S., Lesley College
- Shelly Olausen, M.Ed., special needs advisor; B.S., University of Iowa; B.A., Augsburg College; M.Ed., University of Rhode Island
- Phyllis Parente, M.A., special needs advisor; B.S., M.A., Rhode Island College
- Donna Della Porta, M.Ed., special needs advisor, B.S. Rhode Island College; M.Ed., Providence College
- Jeannine R. Beauvais, B.S., learning center supervisor; B.S., Johnson & Wales University

### Library

#### Administration

- Rosita Hopper, D.A., dean of libraries; B.F.A., University of Illinois; M.L.S., D.A., Simmons College

#### Librarians

- Frederick Brown, M.L.S., reference management librarian; B.S., M.A.T., Johnson & Wales University; M.L.S., University of Rhode Island
- Erika Gearing, M.L.S., reference librarian; B.A., Granite State College; M.L.S., University of Pittsburgh
- Richard Keogh, M.L.S., head reference librarian; B.A., Tufts University; M.A., M.L.S., University of Rhode Island
- Ariela McCaffrey, M.L.S., reference & instruction services librarian; B.A., Rhode Island College; M.L.S., University of Rhode Island
- David Meincke, M.L.S., digital services librarian; B.A., College of William and Mary; M.L.S., University of North Carolina — Chapel Hill
- Elizabeth Anne Nelson, M.L.S., cataloging and interlibrary loan librarian; B.A., Rhode Island College; M.L.S., University of Rhode Island
- Sue Reynolds, M.L.S., electronic resources librarian; B.A., University of Rhode Island; M.S., University of Bridgeport; M.L.S., Southern Connecticut State University
- Lisa Spicola, M.L.S., reference librarian; B.S., M.L.S., University of Rhode Island

### Administration

#### Office of the Chancellor

- John J. Bowen, M.M., DBA (hon.), chancellor, president and chief executive officer
- Thomas L. Dwyer, MBA, vice chancellor and provost
- Emily A. Gilcreast, B.S., chief of staff and assistant corporate secretary

#### Office of the General Counsel

- Wayne M. Kezirian, J.D., senior vice president and general counsel
- Bud Remillard, J.D., associate general counsel
- Denielle M. Burl, J.D., assistant general counsel

#### Office of the Providence Campus President and Chief Operating Officer

- Mim L. Runey, LP.D., Providence Campus president and chief operating officer
- Diane Millard, B.S., executive assistant to the Providence Campus president and chief operating officer

## Office of the Provost

- Thomas L. Dwyer, MBA, vice chancellor and provost
- Susan Pasquale, Ph.D., associate provost for faculty affairs
- Alison Goodrich, Ph.D., J.D., associate provost for planning and institutional effectiveness
- Paul McVety, Ed.D., dean of academic program development
- James J. Cunha, M.A., MPA, dean of academic administration
- Eileen DeMagistris, M.Ed., director of institutional effectiveness
- Jennifer Galipeau, M.S., director of outcomes assessment
- Gary Williams, MBA, coordinator of curriculum and academic planning

## Admissions

- Kenneth DiSaia, MBA, senior vice president of enrollment management
- Jeanne Blanchette, B.S., admissions recruitment analyst
- Thomas Gauthier, M.S., director of educator partnerships and scholarship programs
- Kim Hodges, B.S., director of admissions research & planning
- Cuneyt Ispir, MBA, director of admissions systems and operations
- Joanne McQuesten, MBA, director of continuing education admissions
- Teresa Mauk, M.A.T., director of graduate admissions
- Rita Mulligan, M.S., director of international admissions operations
- Caroline Pelland, MBA, admissions campus liaison
- Amy Podbelski, B.A., director of admissions
- William Priante, B.S., dean of admissions
- James Richard, B.S., director of culinary admissions
- Al Seitz, MBA, director of the admissions representative network
- Manny Tavares, M.Ed., dean of international recruitment and training
- Patricia VanWormer, B.A., director of admissions marketing

## Campus Safety & Security

- Michael P. Quinn, M.A., executive director of campus safety & security

## Compliance, Internal Audit & Risk Management

- Elizabeth Canning, J.D., director of equity & compliance services
- Danielle Santamaria, MBA, CPA, internal audit manager
- Sandra Lawrence, A.S., CCEP, compliance associate
- Piya Sarawgi, MBA, compliance and risk management communications manager

## Experiential Education & Career Services

- Maureen Dumas, M.Ed., vice president of experiential education & career services
- Sheri L. Young, M.S., dean of experiential education & career services
- Akanksha Aga, MBA, assistant director of employer relations
- Andrea Frost, MBA, assistant director of experiential education
- Donna Remington, MBA, assistant director of career services

## Facilities Management/Physical Plant

- Rob Taylor, B.S., CPE, vice president of facilities and construction management

## Finance

- Joseph J. Greene Jr., M.S., CPA, treasurer and chief financial officer
- William F. McArdle, B.S., CPA, senior vice president of finance
- Alan Restivo, MBA, university controller
- Maria Rix, B.S., assistant university controller
- Akhil Gupta, M.Sc., executive director of university procurement & budget
- Eileen T. Haskins, M.S., university budget director
- Nancy J. O'Neill, CPCU, ARM, insurance and property risk manager

## Human Resources & Payroll

- Diane D'Ambra, M.S., SPHR, vice president of human resources
- Rebecca Tondreau, B.A., director of human resources
- Christine Oliver, B.S., director of benefits
- Frances Harnois, A.S., CPP, director of payroll
- Diane Bonin, B.S., director of student employment

- Karen Almond, M.S., director of employee recruitment
- Lois Kelly, M.A., director of employee development institute

## International Center

- Shelley Stephenson, Ph.D., dean of international programs and development
- Katie Gilbertson, M.A., director of international student services
- Lisa McAdam Donegan, M.A., director of study abroad programs

## Information Technology

- Marianne Doran-Collins, MBA, chief information officer
- Dora Kuan, M.S., interim director of academic technology services
- Bill Prew, M.S., executive director of university information systems
- Pat Riordan, director of IT business services
- Stephen A. Sabetta, MBA, PMP, director of IT project management
- Kate Smith, MBA, PMP, director of digital strategy
- Nicholas M. Tella, MBA, director of information security

## Practicum Educational Facilities

- Michael Downing, M.S., CHA, FMP, vice president of auxiliary services
- Jose Estrompa, B.A., CHA, general manager of hotel properties
- Katherine Kavanagh, M.S., director of catering and special events
- Kenneth Watt, B.S., CEC, executive chef of auxiliary services

## Resource Development

- Page Cooper Sciotto, MBA, vice president of resource development
- Michael Eatough, M.A., executive director of major gifts
- Terrence Williams, M.S.M., executive director of alumni relations
- Ann-Marie Reddy, B.A., director of the annual fund
- Maureen Rooney, M.A., director of prospect research
- Michael J. Schrader, B.A., director of grants & sponsored program administration
- Julia S. Emlen, M.S., director of scholarships & stewardship

## Student Academic & Financial Services

- Marie Bernardo-Sousa, LP.D., senior vice president of administration
- Lynn M. Robinson, M.S., vice president of student academic and financial services
- Tammy Harrigan, B.S., university registrar
- Gail Nevadonski, B.S., registrar
- Dawn Blanchette, B.S., director of financial aid and planning
- Kenneth Calamar, director of student services information systems
- Jane Hanna, M.A., director of academic counseling
- Chris Magnan, B.S., director of student academic & financial services
- Kris McNamara, M.S., director of student communications
- Kathi Tavares, B.S., director of student billing and collections
- Maria Tristao-Rocha, MBA, director of transfer and testing services

## Student Affairs

- Ronald Martel, Ph.D., vice president of student affairs and dean of students
- Joseph Barresi Jr., Ph.D., LISCW, LCDP, associate dean of counseling, health & wellness
- Mary E. Graf, M.A., M.S.S., associate dean of athletics
- Dameian Slocum, MBA, associate dean of student development
- Christopher Zacharda, Ed.D., associate dean of student life
- Everett Brooks, B.A., director of community relations
- Kelly Dunn, M.S., director of new student orientation
- Claire K. Hall, J.D., director of student conduct
- Nancy Hardendorf, B.S., director of parent relations
- Scott Lyons, M.A., director of student involvement & leadership
- Korina Ramsland Short, B.S., director of the gender equity center
- Wendy Speck, RNC, director of health services
- Robert Ducoff, D.D.S., university dentist
- William Palumbo, M.D., university physician

## **University Communications**

- Doug Whiting, B.A., vice president of communications
- Lisa Pelosi, M.A., executive director of communications & media relations
- Greg DiStefano, MBA, executive director of university marketing
- Brian Murphy, B.F.A., director of design & editorial services
- Ed Pereira, B.F.A., art director of design & editorial services
- Cameron Watson, A.A., director of digital communications

\* This is only a partial listing.

# Providence Programs of Study

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# John Hazen White College of Arts & Sciences

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## School of Science & Liberal Arts

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# Applied Psychology - BS

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. Grounded in experiential learning and emphasizing awareness, understanding and appreciation for diversity, culture and global perspectives, this degree incorporates career-related knowledge, skills and abilities that prepare graduates for lifelong learning and professional success.

After taking foundational courses during the first year of the program, students choose one of two areas of emphasis to focus their studies. In Applied Psychology, students pursue advanced work that applies psychological concepts, theories and practice to the real world. This combination of theory and practical application prepares graduates to identify, address and engage everyday personal, professional and societal opportunities and challenges.

Upon completion of the program, graduates are expected to:

- Apply key concepts, theories and research findings in the discipline of psychology to understanding, explaining and evaluating human behavior in both real-world and experimental settings.
- Critically think and problem solve in an empirical manner as evidenced by the ability to use the scientific method, evaluate research findings, conduct applied research and use results to address challenges in the workplace and society at large.
- Exhibit ethically and socially responsible behavior in professional settings through an understanding of needs of diverse individuals in complex multicultural global environments.
- Demonstrate written, oral and interpersonal communication skills required of psychology professionals.
- Define and adopt a professional identity, as well as appreciation and commitment to on-going professional development, as evidenced by applying discipline-specific content to career goals, self-efficacy and self-regulation, project management, teamwork, and collaboration skills.

All Psychology students enroll in a required minor in either Applied Research or General Business. This focus complements major course work, providing students with marketable skills in research design, survey instrument construction, data analysis, critical evaluation or modern business practices that employers need to make decisions.

A required internship experience enables students to use material learned throughout the program in research or work settings, adding to their résumé and contributing to career employment possibilities. Grounded in a strong scientific foundation, graduates are ready for careers in a wide range of business, nonprofit and government occupations, as well as graduate-level education.

## Applied Psychology

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

Major Courses		
LEAD2012	Power and Leadership	4.5
PSCI1001	Introduction to Political Science	4.5
PSYC2100	Health Psychology	4.5
PSYC2200	Professional & Ethical Issues in Applied Psychology	4.5
PSYC3100	Community Psychology	4.5
PSYC3200	Cognitive Psychology	4.5
PSYC4100	Brain, Environment, & Behavior	4.5
PSYC4200	Cross Cultural Psychology	4.5
PSYC4300	Contemporary & Critical Issues In Applied Psychology	4.5
SOC1001	Sociology I	4.5
Psychology Foundations		
PSYC2002	Abnormal Psychology	4.5
PSYC2030	Developmental Psychology	4.5
PSYC3001	Social Psychology	4.5
PSYC3010	Personality	4.5
RSCH2050	Research Methods in Applied Settings	4.5
Required Minor		22.5
Applied Research		
MATH2002	Statistics II	
RSCH3100	Experimental Design in the Social and Behavioral Sciences	
RSCH3200	Qualitative Inquiry	

RSCH3300	Community Action Research	
RSCH4400	Integrative Applied Research Seminar	
Or		
General Business		
Choose five of the following:		
ACCT1210 & FIT1003	Financial Accounting and Introduction to Excel	
ACCT1220	Managerial Accounting	
ECON1001	Macroeconomics	
ECON1002	Microeconomics	
FISV2000	Finance	
LAW2001	The Legal Environment of Business I	
MGMT1001	Contemporary Business Management I	
MGMT1002	Contemporary Business Management II	
MGMT2001	Human Resource Management	
MRKT1001	Principles of Marketing	
Experiential Education		
CAR0010	Career Capstone	1
PSYC3099	Psychology Internship *	4.5
A&S Core Experience		
Communication Foundation courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
SCI1050	Nutrition	
Social Sciences		9
PSYC1001	Introductory Psychology	
One course from ECON, LEAD, PSCI, or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Electives #		
22.5 credits selected from 1000-4999 numbered offerings within the university		22.5
Total Credits		181.0

\* Students are required to complete a 4.5 credit internship. Students may use up to 9.0 credits from free electives to do an internship of 9.0 or 13.5 credits.

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Biology - BS

The Biology bachelor's degree program provides a strong background of critical thinking skills and knowledge needed both 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.

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, the structure and function of organisms, and the 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, the science faculty members are committed to following best practices for science education. This includes using active learning pedagogies in the classroom, 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

BIO1015	General Biology I Laboratory	2.25
BIO1022	General Biology II	4.5
BIO1025	General Biology II Laboratory	2.25
BIO2001	Genetics	4.5
BIO3010	Principles of Biochemistry	4.5
BIO3040	Molecular Biology	4.5
BIO4011	Microbiology	4.5
BIO4015	Microbiology Laboratory	2.25

### Major Electives

Choose 22.5 credits of the following: (at least two courses must be at 3000 level or higher)

BIO2021	Functional Human Anatomy
BIO2025	Functional Human Anatomy Laboratory
BIO2041	Human Physiology
BIO2045	Human Physiology Laboratory
BIO2100	Coastal Ecology
BIO3070	Evolution
BIO4040	Functional Histology
BIO4070	Fundamentals of Immunology

BIO4099	Internship in Biology
SCI3020	Sustainability Policy and Planning
SCI3070	Food Sustainability
SCI3080	The Business of Sustainability
SCI4090	Research Seminar in Sustainability

### Related Professional Studies

BIO4100	Senior Seminar in Biology	4.5
CAR0010	Career Capstone	1
CHM1011	General Chemistry I	4.5
CHM1015	General Chemistry I Laboratory	2.25
CHM1022	General Chemistry II	4.5
CHM1025	General Chemistry II Laboratory	2.25
CHM2011	Organic Chemistry I	4.5
CHM2015	Organic Chemistry I Laboratory	2.25
CHM2022	Organic Chemistry II	4.5
CHM2025	Organic Chemistry II Laboratory	2.25
PHY1011	General Physics I	4.5
or PHY2011	Physics I	
PHY1015	General Physics I Laboratory	1.5
or PHY2015	Physics I Laboratory	
PHY1022	General Physics II	4.5
or PHY2022	Physics II	
PHY1025	General Physics II Laboratory	1.5
or PHY2025	Physics II Laboratory	

### A&S Core Experience

Communications Foundation Courses	13.5
ENG1020	English Composition
ENG1021	Advanced Composition and Communication
ENG1030	Communication Skills
Integrative Learning	9
Two ILS courses, one at the 2000 level, one at the 4000 level	
Arts and Humanities	9
PHIL3040	Ethics of Business Leadership
One course from ART, HIST, HUM, LIT or REL	
Mathematics	9
MATH1040	Calculus I (or higher, based on student's placement) *
MATH2001	Statistics
Science	4.5
BIO1011	General Biology I
Social Sciences	9
PSYC1001	Introductory Psychology
One course from ECON, LEAD, PSCI or SOC	
A&S Electives	9
Two courses with an EASC attribute, at least one at 3000 level or higher.	

### Free Electives #

22.5 credits selected from 1000-4999 numbered offerings within the university. 22.5

### Total Credits

181.75

\* Students that do not place in MATH1040 will need to take an extra course(s), MATH1020 and/or MATH1030, as prerequisite(s). If needed one will count as an A&S elective and the other as a free elective.

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Counseling Psychology - BS

The Counseling Psychology bachelor's degree program prepares students for careers as case/program workers and managers and aides who assist counselors in resolving clients' personal, family, educational, mental health or work-related issues. Graduates of this program may pursue employment in the public or private sectors working in educational settings, private agencies, hospitals, rehabilitation centers or in nonprofit organizations.

Upon completion of this program, graduates are expected to demonstrate knowledge of the theoretical frameworks in counseling, professional and ethical practices, social and cultural diversity, human growth and development, career development, helping relationships, group work, assessment and research.

Upon completion of the program, graduates are expected to:

- Delineate the historical nature of psychology as well as the bio-psychosocial and developmental determinants of behavior.
- Practice effectively within the following core counselor practice domains: use of counseling strategies and techniques, client assessment, case management, treatment planning, addictions counseling, community resource utilization, job development and placement, vocational counseling, research application and ethical counseling.
- Identify, implement and evaluate the various frameworks for ethical appraisal of the individual, including use of methods of data gathering and interpretation, statistical concepts, individual and group testing, case studies, historical perspectives, and individual differences from multicultural and ethnic contexts.
- Employ basic scientific research methods to analyze and critique assumptions, examine available evidence including (but not limited to) statistical analysis, theorize, conduct ethical, representative, and viable research and draw logical conclusions in an attempt to identify and/or resolve a specific problem.
- Identify the nature and needs of diverse individuals in a multicultural society, demonstrating appropriate sensitivity to needs of these populations in applying psychological theory, employing research methodology, and in making referrals for mental health treatment.
- Examine the development, ethical issues and theoretical approaches to group counseling including defining and appraising group counseling theories, group therapy techniques, group purpose, group development and group dynamics.
- Develop criteria, skills and strategies for providing effective crisis intervention, de-escalation of conflict, and conflict resolution in crisis situations
- Apply ethical principles while dealing with clients within the counseling psychology profession.
- Evaluate and describe the philosophy, mission, programs and services of various human service providers as well as to demonstrate the ability to make appropriate individual referrals to said human service agencies.
- Function professionally in a supervised clinical experience that will prepare them to employ effective counseling practices while developing an understanding of the inner workings of public and/or private mental health and related human service agencies.

Courses are selected to provide students with a broad foundation of knowledge concerning human thoughts, emotions and behaviors. The program features a significant number of psychology courses that address both the biological and psychological motivations for certain behaviors. Sociology courses also play a major role by exploring the impact that a person's social environment (i.e., family, culture, religion, etc.) has had on his or her development. Knowledge gained in these disciplines is then examined from the counseling psychology perspective to determine viable modes of intervention and treatment, if such actions are warranted.

Consistent with the Johnson & Wales University experiential education philosophy, counseling psychology students also gain practical experience while enrolled in this program. For example, courses such as CSLG3010 Principles of Group Counseling and CSLG2030 Counseling Theories and Techniques provide students with classroom exercises in which they learn about, role play and model various counseling practices. Graduates of this program are expected to employ critical thinking skills and ethical principles essential to interacting with and successfully treating clients in the professional environment.

To qualify for the internship, students must have a 2.75 GPA in their major courses, or have permission of the program director, and a letter of approval from their faculty advisor. Those who do not qualify for the internship are required to take three additional counseling classes in lieu of the internship class, CSLG4099 Internship in Counseling Psychology.

In addition, students are expected to use the American Counseling Association (ACA) Code of Ethics and Standards of Practice as a guide for ethical behavior throughout the program.

**PLEASE NOTE:** A master of science degree is usually required for licensed positions as professional mental health counselors, marriage and family counselors and social workers. At completion of the bachelor's degree program in Counseling Psychology, students may also choose to pursue a Master of Science degree in Counseling. The bachelor of science degree program prepares students for entry-level case/program workers and managers and aide positions who assist licensed counselors.

## Counseling Psychology

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

### Major Courses

CSLG1001	Introduction to Helping Professions	4.5
CSLG2030	Counseling Theories and Techniques	4.5
CSLG2035	Foundations of Mental Health Counseling	4.5
CSLG3001	Introduction to Case Management	4.5
CSLG3005	Introduction to Crisis Intervention	4.5
CSLG3010	Principles of Group Counseling	4.5
CSLG4099	Internship in Counseling Psychology	13.5
PSYC2002	Abnormal Psychology	4.5
PSYC2015	Human Sexuality	4.5
PSYC2030	Developmental Psychology	4.5
PSYC2040	Psychological Issues of Addiction and Compulsive Behavior	4.5
PSYC3001	Social Psychology	4.5
PSYC3010	Personality	4.5
RSCH2050	Research Methods in Applied Settings	4.5
RSCH4050	Research Seminar in Counseling Psychology	4.5
SOC1001	Sociology I	4.5

### Major Electives \*

Choose five of the following courses: (at least two courses must have a CSLG designation) 22.5

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	
PSYC2020	Industrial/Organizational Psychology	
PSYC3040	Introduction to Neuropsychology and Psychopharmacology	
SOC2035	Sociology of Aging	
SOC3025	Cultural Tapestry: Perspectives in Diversity	
SOC3060	Deviant Behavior	

### Related Professional Studies

CAR0010	Career Capstone	1
SCI2031	Anatomy and Physiology	4.5

Choose two of the following courses: 9

CJS2050	Criminology	
CJS2085	Juvenile Justice	
ENG2010	Technical Writing	
ENG3012	Report and Proposal Writing	
LAW2001	The Legal Environment of Business I	
LAW3025	Criminal Law	
LAW3065	Employment Law	
SCI2020	Exercise Physiology	
SOC2040	Community Leadership: An Applied Sociology	
SOC2070	Social Issues in Contemporary America	

### A&S Core Experience

Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9

PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
SCI1050	Nutrition	
Social Sciences		9
PSYC1001	Introductory Psychology	
One course from ECON, LEAD, PSCI or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Total Credits</b>		<b>181.0</b>

\* In order to prepare for intended graduate specializations, students are urged to select at least three related courses in either addictions or mental health counseling. It is strongly recommended that students consult their faculty adviser before selection of courses.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.



# Counseling - MS

The M.S. in Counseling program at Johnson & Wales University is designed to prepare graduates to serve the community as clinical mental health counselors or addictions 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 course work 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.

## Counseling

Master of Science (M.S.)

<b>Core Courses</b>		
CSLG5100	Advanced Career Counseling	4.5
CSLG5170	Multicultural Counseling: Theories and Techniques	4.5
CSLG5250	Professional Orientation and Ethical Practice	4.5
CSLG5300	Advanced Individual Counseling Theory and Techniques	4.5
CSLG5350	Health and Wellness Counseling	4.5
CSLG5400	Psychopathology and Treatment Planning	4.5
CSLG5450	Testing and Assessment in Counseling	4.5
CSLG5500	Advanced Group Counseling Theories and Techniques	4.5
CSLG6500	Leadership in Agency Settings	4.5
PSYC5100	Advanced Developmental Psychology	4.5
PSYC5200	Advanced Neuroscience and Psychopharmacology	4.5
RSCH5150	Research Methods in Applied Counseling Settings	4.5
<b>Recommended Courses for Specific Licensing</b>		
Choose four courses from one program track:		18
<b>Addictions Counseling</b>		
CSLG6100	Advanced Co-Occurring Disorders & Addictions Counseling	
CSLG6200	Counseling the Chemically Dependent and Their Families	
CSLG6300	Chemical Dependency Case Management and Professional Development	
CSLG6800	Special Topics in Counseling	
RSCH6100	Research and Theories in Addictions Counseling	
<b>Mental Health Counseling</b>		
CSLG6150	Advanced Individual Mental Health Counseling	
CSLG6250	Mental Health Counseling Case Management and Professional Development	
CSLG6350	Mental Health Counseling for Families	
CSLG6800	Special Topics in Counseling	
RSCH6150	Research and Theories in Mental Health Counseling	
<b>Field Work</b>		
CSLG5899	Counseling Practicum	4.5
CSLG6899	Counseling Internship	13.5
CSLG6900	Comprehensive Review	0
<b>Total Credits</b>		<b>90.0</b>

# Criminal Justice - BS

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:

- Explain the historical backgrounds, agencies, professions, purposes, functions and administration of the American criminal justice system.
- Analyze, evaluate and apply social science research methods to complex issues within the criminal justice system.
- Apply criminological theories and causes of crime, and appropriate methods of control and prevention of criminal behavior to situational contexts within the American criminal justice system.
- Explain the complex responsibilities, procedures and policies of law enforcement agencies operating in the American criminal justice system.
- Critically evaluate evidence used to support criminal justice issues and generate appropriate recommendations.
- Explain conflicts that arise in diverse communities in relation to criminal justice administration.

The program's judicious mix of Criminal Justice and Arts & 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.

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.

## Criminal Justice

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

Major Courses		
CJS1002	Introduction to Criminal Justice	4.5
CJS1070	Criminal Courts	4.5
CJS1090	Law Enforcement	4.5
CJS2040	Corrections	4.5
CJS2050	Criminology	4.5
CJS2150	Criminal Justice Ethics	4.5
CJS3075	Criminal Investigation	4.5
CJS3450	Comparative Criminal Justice	4.5
CJS3850	Homeland Security	4.5
CJS4030	Criminal Justice Research Methods	4.5
CJS4040	Criminalistics	4.5
CJS4080	Criminal Justice Senior Seminar	4.5
LAW3015	Criminal Procedure	4.5
LAW3025	Criminal Law	4.5
Major Electives		
Choose two of the following:		9
CJS2085	Juvenile Justice	
CJS3810	Topics in National Security	
CJS3820	Cyber Crimes	
CJS3099	Criminal Justice Internship (Students may choose 9 credits of internship to satisfy this requirement)	
CJS4050	Advanced Topics in Criminal Justice	
Related Professional Studies		
CAR0010	Career Capstone	1
PSCI2001	Introduction to World Politics	4.5
PSYC1001	Introductory Psychology	4.5
PSYC2002	Abnormal Psychology	4.5
REL3001	Comparative Study of World Religions: An Interdisciplinary Approach	4.5
SOC3060	Deviant Behavior	4.5
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	

ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
HIST3200	American Government	
One course from ART, HUM, LIT or PHIL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
SCI2031	Anatomy and Physiology	
Social Sciences		9
SOC1001	Sociology I	
One course from ECON, LEAD, PSCI or PSYC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Electives #		
22.5 credits selected from 1000-4999 numbered offerings within the university		22.5
<b>Total Credits</b>		<b>181.0</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Culinary Arts Education - MAT

The Master of Arts in Teaching program (M.A.T.) offers an 18-month program in Culinary Arts Education that prepares students for careers teaching at the post-secondary level. All students in the M.A.T. 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 experiential-based learning, the M.A.T. program requires field-based experiences throughout the program to enhance student learning and employability. Candidates learn about research-based theories and best practices in their university courses, and concurrently spend time in both public school and university classrooms each week to apply what they have learned by working with real students in a variety of settings. In this role, teacher candidates observe and plan lessons for small-group and whole-class instruction, and reflect on their practice. Such professionally focused experience, under the guidance of experienced teachers, enables candidates to develop their own personal philosophies about classroom instruction and management and about education in general.

Culinary Arts Education candidates have the option of going on to student teach for 11 weeks with a university cooperating teacher/chef in a university classroom or completing a capstone project under the direction of a university professor.

Additionally, teacher candidates are required to keep a portfolio of evidence based on the Rhode Island Professional Teacher Standards (RIPTS). Defense of this portfolio is the culminating program graduation requirement.

## Assessment Prior to Student Teaching or Capstone Project

During their final term, candidates choose to either student teach at the university or complete a capstone project. Permission to move on to student teaching internship/capstone will be granted to candidates who have achieved a program GPA of 3.0 and passed a portfolio review showing acceptable evidence of significant progress toward meeting the Rhode Island Professional Teacher Standards (RIPTS) and all program requirements.

## Assessment Prior to Recommendation for Program Completion

Having completed all program requirements, the candidate will present his/her final portfolio/capstone to a team of evaluators. This portfolio will contain evidence showing that the candidate has achieved all program requirements and standards to the level appropriate to a beginning teacher. 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.

## Culinary Arts Education (MAT)

### Core Courses

EDUC5120	Foundations for Learning and Teaching	2.25
EDUC5150	Educational Psychology	2.25
EDUC5160	Integrating Literacy in the Culinary Arts Classroom	2.25
EDUC5180	Curriculum Development for Culinary Arts Programs	4.5
EDUC5220	Strategies for Teaching Culinary Arts Mathematics	4.5
EDUC5240	Methods of Teaching Culinary Arts	4.5
EDUC5270	Advanced Methods of Teaching Culinary Arts	9
EDUC6120	Assessment for Student Learning	4.5
SPED5110	Inclusive Teaching of Exceptional Learners	4.5
SPED5130	Communication: Language Development and Learning	2.25
SPED6110	Understanding and Managing Behavior	4.5

### Student Teaching Internship/Capstone Project

Choose one of the following:	9
EDUC6840	Student Teaching Internship: Culinary Arts Education
EDUC6860	Capstone Project: Culinary Arts Education
<b>Total Credits</b>	<b>54.0</b>

## Ed.D. Educational Leadership - EDD

Johnson and Wales University's Ed.D. in Educational Leadership program has established itself as a prominent preparation program for educational leaders in Southern New England. 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. The program is designed with distinct specializations in higher education and elementary-secondary education.

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

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 chose 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 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.

### 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 synchronously and asynchronously to model what tomorrow's educational leaders will use in their schools and agencies. Site visits and distinguished visiting professors add to the instructional mix. The weekend offerings also provide for informal faculty/student interaction.

### Principal Residency Network (PRN)

As a result of an agreement between JWU and the 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 three years of matriculation; 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.)

A hybrid method of teaching is utilized in the program that includes characteristics of both synchronous and 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 and receiving formal approval of the dissertation proposal.

### 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.

### Field Project

Upon the completion of coursework, students are required to register for EDUC9005 The Field Research Project. With the guidance of faculty, students will propose a field project. Detailed procedures and expectations for the entire research/defense phase of the program appear in the Dissertation Handbook. This research must focus on a practical and significant problem or issue that can be resolved effectively. The student's doctoral committee must approve all field projects.

### Dissertation

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 would advance present information. If the research and dissertation are collaborative, clearly delineated individual components will reflect each student's substantive contribution to the report and its defense.

The dissertation describes a research project in which students apply best theory and practice. The problem may be drawn from students' workplaces or from some other setting.

In keeping with the mission and conceptual framework of the Educational Leadership Program, students are strongly encouraged to develop dissertations on topics dealing with educational leadership in K-16 and lifelong learning settings.

To expedite the process of completing the dissertation, students will receive close, ongoing faculty supervision and shall defend the dissertation within three years of approval of the topic. The computerized links between students and faculty and the small size of the program will help ensure that a high level of supervision takes place. The Dissertation Handbook describes the process in detail.

Students who do not complete the dissertation in the prescribed time will be automatically scheduled for EDUC9011 Doctoral Dissertation Advisement This continuation requires a Dissertation Advisement Fee (p. 200) per semester (fall, spring and summer), which will be assessed each semester until the successful completion of program requirements or an approved leave of absence is granted.

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 with Student Academic & Financial Services.



## Doctoral Program Courses

Instruction is scheduled in a sequence of six-credit courses addressing significant areas of educational leadership. Students take two courses per semester for four semesters and complete the course work in two years.

### Elementary-Secondary Education

#### Major Courses

EDUC7007	Research I: Educational Research for Elementary-Secondary Education Leaders	6
EDUC7011	Strategy & Change	6
EDUC7032	Organizational Theory, Behavior, and Development in Elementary-Secondary Education	6
EDUC7035	Curriculum, Instruction and Assessment	6
EDUC8007	Research II: Research Methods for Elementary-Secondary Education Leaders	6
EDUC8017	Resource Planning and Management in Elementary-Secondary Education	6
EDUC8027	Family and Community Engagement	6
EDUC8095	Leadership in Elementary-Secondary Education	6
EDUC9005	The Field Research Project	6
EDUC9010	Doctoral Dissertation	6

**Total Credits** 60.0

### Higher Education

#### Major Courses

EDUC7006	Research I: Educational Research for Higher Education Leaders	6
EDUC7021	Nature of Higher Education	6
EDUC7030	Teaching and Learning Higher Education	6
EDUC7031	Organizational Theory and Behavior in Higher Education	6
EDUC8008	Research II: Research Methods for Higher Education Leaders	6
EDUC8016	Resource Planning and Management in Higher Education	6
EDUC8026	Student Development in Higher Education	6
EDUC8090	Leadership in Higher Education Capstone	6
EDUC9005	The Field Research Project	6
EDUC9010	Doctoral Dissertation	6

**Total Credits** 60.0

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 Continuation. This continuation requires a Dissertation Advisement Fee (p. 200) per fall, spring and summer semesters.

## English as a Second Language - NONDEG

The English Language Institute provides international students with an opportunity to learn English as a Second Language and to earn academic credit.

The English Language Institute offers 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 four 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 their cultural transition.

Dedicated to student success, the English Language Institute places students in the program 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 one of three different proficiency levels: Beginner, Intermediate or Advanced. Every student is scheduled for a class in each of the four skill areas: Oral Communications, Grammar, Reading and Writing.

### English as a Second Language

#### Non-Degree

ESL1010	Beginner-Level Oral Communication	4.5
ESL1011	Beginner-Level Grammar	4.5
ESL1012	Beginner-Level Reading	4.5
ESL1013	Beginner-Level Writing	4.5
ESL1020	Intermediate-Level Oral Communication	4.5
ESL1021	Intermediate-Level Grammar	4.5
ESL1022	Intermediate-Level Reading	4.5
ESL1023	Intermediate-Level Writing	4.5
ESL1030	Advanced-Level Oral Communications	4.5
ESL1031	Advanced-Level Grammar	4.5
ESL1032	Advanced-Level Reading	4.5
ESL1033	Advanced-Level Writing	4.5

# Environmental Sustainability - MINOR

The College of Arts & Sciences offers two minors (22.5 credits) that enhance and strengthen the qualifications of graduates moving into business: Environmental Sustainability and Professional Communication.\* These are intended to give students opportunities to develop expertise in an area that complements their major. Real-world applications are embedded in both 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.

\* The only minors offered are those listed in the catalog. Students cannot elect to create their own minors.

## Environmental Sustainability

### Minor

SCI1010	Environmental Science	4.5
SCI3020	Sustainability Policy and Planning	4.5
SCI3070	Food Sustainability	4.5
SCI3080	The Business of Sustainability	4.5
SCI4090	Research Seminar in Sustainability	4.5
Total Credits		22.5

# Equine Business Management/Riding - BS

The Equine Business Management/Riding bachelor's degree program is designed for the student who desires a career in teaching, training and/or farm management. The program combines riding instruction, specialized academic equine courses and equine labs with business and general studies courses.

Upon completion of the program, graduates are expected to:

- Design a comprehensive health plan that addresses the interaction between nutrition and disease and predicts the needs of two different classes of horse.
- Differentiate the relative merits of sport horses and defend the resulting appraisal.
- Create a plan that weighs the pros and cons of socially responsible business practices and defend the chosen course.
- Develop and implement a training program for a particular horse and evaluate the effectiveness of the training principles on horse and rider.
- Evaluate the impact of various international influences on the Equine Sport Horse industry.

Equine Business Management/Riding students participate in riding classes focusing on dressage and jumping. Each course is individually tailored to the student's competencies for maximum advancement. A unique feature of the riding program is the use of Eckart Meyners' warm-up routine and exercises to unblock the rider and achieve harmony with the horse. Student riding outcomes are measured through a certificate program that validates the rider's progress in dressage and jumping. A study abroad program to Muenster, Germany is open to students with dressage and jumping skills and offers instruction and testing for the German bronze medals.

Specialized science-based equine classes develop the understanding of the functioning of the horse with study in anatomy, lameness, physiology, sports therapy, genetics, nutrition, diseases and reproduction. Further classes develop the ability to evaluate horses for sport, develop a farm management plan and manage horse shows. Through these equine academic courses, graduates are expected to demonstrate competencies in formulating rations, design a herd health program, selecting sport horses and developing an equine business plan.

Equine students participate in professionally focused educational activities at the Equine Studies Center in Rehoboth, Mass. Students gain experience in all aspects of horse management including health and dental maintenance, nutrition, facilities management, equipment usage, trailering, lunging, ground driving, vaccination and anthelmintic programs.

Many students participate in the internship program which allows them to work in the equine industry at approved establishments. A sampling of the positions that students have filled upon graduation include instructor/trainer, farm manager, equine advertising account manager, sales representative, insurance agent, horse show personnel, horse/breed association publicist and veterinary assistant.

Business courses emphasize the connection between the equine industry and the business world. Students may tailor their degree through the selection of numerous courses in the College of Management, School of Engineering & Design or the College of Arts & Sciences.

## Extracurricular Activities

Johnson & Wales' equine programs offer a variety of extracurricular activities for students, including student dressage shows, schooling shows, seminars and clinics. The university hosts seminars and career nights with nationally recognized speakers from the equine industry. Recent speakers include Jochen Schleese and Dr. Bayard Rucker. A well-established clinic program rounds out students' educational experiences through participation and observation of various teaching and training techniques. Clinicians such as Sybille Crafts, Sarah Geikie, Shannon Dueck and Ann Guptil have participated in this program.

Johnson & Wales University participates in equine sports through two distinct competitive teams: Intercollegiate Horse Show Association (IHSA) and Intercollegiate Dressage Association (IDA). The IHSA team competes in hunter seat equitation throughout New England and hosts shows annually at the Center for Equine Studies.

The university is a charter member of the Intercollegiate Dressage Association, hosts two competitions yearly and travels regionally to compete.

The university is president college for Northeast Region A. The university's dressage team has won numerous regional and national awards and has been represented at every national championship by team members. In 2012 Johnson & Wales University won the National Championship and in 2013 was the reserve national champion team for IDA.

The university participates in events through several combined tests held at the Equine Center. Students have the opportunity to broaden their knowledge through selected field trips including Equine Affaire and the annual upstate New York breeding farms trip.

## The Facility

The home of Johnson & Wales' Equine Studies programs, the Center for Equine Studies, is located in Rehoboth, Massachusetts, a short drive from Providence. The farm includes a 170' x 70' mirrored indoor riding hall with waxed footing, radiant heat, attached 32-stall barn, pastures and turnout paddocks. It also features two round-pens used for schooling horses. Rounding out the facility are two show-quality outdoor arenas: a 225' x 100' multipurpose jumping ring and a 220' x 80' dressage ring. A new addition to the facility is a derby-style jumping field with banks, ditches, and step jumps. Students gain knowledge of riding in the open and setting pace.

The Johnson & Wales Center for Equine Studies is equipped with a pine-paneled observation room housing state-of-the-art communication technology that allow clinicians to address students and spectators during mounted lessons.

The horses for school use are all selected for their training and temperament. Many different breeds are represented, including Dutch Warmblood, Hanoverian, Swedish Warmblood, Holsteiner, Thoroughbred, Oldenburg, Quarter Horse and Morgan. Many of the horses have successful show records which include competition experience at the FEI level of dressage, on the hunter/jumper circuit and in eventing.

Admission to the Equine Business Management/Riding degree requires prior riding experience, and the submission of a video showing riding competencies. Admission to this program is limited and early application is recommended.

## Equine Business Management/Riding

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

Major Courses		
EQN1001	Introduction to Equine Studies	4.5
EQN1010	Equine Physiology and Sports Therapy	4.5
EQN1020	Equine Anatomy and Lameness	4.5
EQN1080	Equine Management Lab I	2.25
EQN2000	Equine Diseases	4.5
EQN2010	Equine Nutrition	4.5
EQN2074	Equine Facilities and Management Laboratory	4.5
EQN3000	Foundations of Riding Theory	4.5
EQN3010	Equine Reproduction and Genetics	4.5
EQN3040	Sport Horse Evaluation and Judging	4.5
EQN4050	Horse Farm Management	4.5
Required Riding Courses		
Choose 9 credits of the following:		9
EQN1061	Principles of Riding I	
EQN1062	Principles of Riding II	
EQN1063	Principles of Riding III	
EQN2061	Principles of Riding IV	
EQN2062	Principles of Riding V	
EQN2063	Principles of Riding VI	
EQN3061	Dressage and Jumping I	
EQN3062	Dressage and Jumping II	
EQN3063	Dressage and Jumping III	
Major Electives		
Choose 13.5 credits of the following:		13.5
EQN3001	Methods of Riding Instruction I	
EQN3002	Methods of Riding Instruction II	
EQN3030	Horse Show Management	
EQN3070	Horse Training	
EQN3080	Movement Training for Rider	
EQN4061	Advanced Riding and Training I	
EQN4062	Advanced Riding and Training II	
EQN4063	Advanced Riding and Training III	
Related Professional Studies		
ACCT1210	Financial Accounting	4.5



ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
ECON1002	Microeconomics	4.5
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
or MRKT1001	Principles of Marketing	
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
SCI1015	Introduction to Life Science	
Social Science		9
ECON1001	Macroeconomics	
One course from LEAD, PSCI, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Free Electives #</b>		
13.5 credits selected from 1000-4999 numbered offerings within the university.		13.5
<b>Total Credits</b>		<b>181.0</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Liberal Studies - BS

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, the behavioral sciences, math and science. With a required minor in either business or technology, students are prepared 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 in business or technology, the inclusion of a heightened form of experiential learning, and in-depth advising in fulfillment of the mission. The required minor is intended to assure that students have an introduction to a profession or set of professional skills prior to program completion.

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.

## Arts & Culture Track:

- Exhibit advanced knowledge of the complexities of human culture.
- Critically examine and interpret human expression using the theories and methods of various disciplines, such as history, sociology, philosophy, literature and the arts.

## Science & Society Track:

- Apply mathematical and scientific reasoning to social problems.
- Exhibit advanced knowledge of the social systems that structure human existence.
- Critically examine and interpret human behavior using the theories and methods of various disciplines, such as economics, sociology, psychology, political science and the natural sciences.

## Liberal Studies

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

Major Courses	
Foundation Courses	18
ART, HIST, LIT, PHIL, REL: One course 2000 level or higher	
ECON, PSCI, PSYC, SOC: One course 2000 level or higher	
Foreign Language: 4.5 credits as determined by language placement	
BIO, CHM, PHY, SCI: One course 1000 level or higher	
Choose one of the following areas of specialization:	22.5
Arts & Culture	
ART, HIST, LIT, PHIL, REL, SOC: One course 2000 level or higher	
ART, HIST, LIT, PHIL, SOC: Four courses 3000 level or higher	
Or	
Science & Society	
MATH: One course 1000 level or higher	
BIO, CHM, ECON, PSCI, PSYC, SCI, SOC: Four courses 3000 level or higher	
Internship/Applied Learning	
Choose one of the following:	13.5
Option 1	LIBS3099, Liberal Studies Internship *
Option 2	Study Abroad Program
Option 3	Three Levels of Language Studies
Option 4	Three courses from the course offerings in the minor, Professional Communication **
Arts & Sciences Electives	
18 credits with an EASC attribute selected from offerings within the College of Arts & Sciences.	18
Required Minor	22.5
General Business	
Choose five of the following:	
ACCT1210 & FIT1003	Financial Accounting and Introduction to Excel
ACCT1220	Managerial Accounting
ECON1001	Macroeconomics

ECON1002	Microeconomics
FISV2000	Finance
LAW2001	The Legal Environment of Business I
MGMT1001	Contemporary Business Management I
MGMT1002	Contemporary Business Management II
MGMT2001	Human Resource Management
MRKT1001	Principles of Marketing
Or	
Project Management	
FIT1012	Digital Technology for Business
PRMG2010	Introduction to Project Management
PRMG3010	Advanced Project Management
Choose two of the following:	
CSIS1000	Problem Solving and Programming Concepts
CSIS1040	Fundamentals of Visual Basic
FIT2030	Access Database Design for Business Solutions
Related Professional Studies	
CAR0010	Career Capstone 1
A&S Core Experience	
Communications Foundation Courses	13.5
ENG1020	English Composition
ENG1021	Advanced Composition and Communication
ENG1030	Communication Skills
Integrative Learning	9
Two ILS courses, one at the 2000 level, one at the 4000 level	
Arts and Humanities	9
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL or REL	
Mathematics	9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)
MATH2001	Statistics
Science	4.5
SCI1010 Environmental Science	
Social Sciences	9
Two courses from different disciplines: ECON, LEAD, PSCI, PSYC or SOC	
A&S Electives	9
Two courses with an EASC attribute, at least one at 3000 level or higher.	
Free Electives #	
22.5 credits selected from 1000-4999 numbered offerings within the university.	22.5
<b>Total Credits</b>	<b>181.0</b>

\* Students may schedule a 4.5-13.5 credit internship. If the internship is less than 13.5 credits, additional Arts & Sciences elective credits are required to meet the 13.5 credit requirement.

\*\* Students are responsible for meeting prerequisites.

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Media & Communication Studies - BS

The Media & Communication Studies bachelor's degree program allows students to gain significant knowledge of media principles and practices. Media & Communication Studies students ask important questions about media life, such as how industries produce television programs and popular music, what these images and sounds mean, and why audiences respond to them in different ways. Our principles menu includes courses on specific forms, such as photography and film, while classes on our practices menu emphasize writing, advertising, production and management. Students select courses that complement their intellectual and professional interests, usually by designing focus areas in consultation with advisors. The program also provides 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.

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.
- Integrate primary and secondary sources into well-reasoned arguments.

## Media & Communication Studies

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

Major Courses		
MCST1010	Media, Culture, and Society	4.5
MCST1030	History of Media	4.5
MCST2010	Media Industries	4.5
MCST2030	Media Texts	4.5
MCST2050	Media Audiences	4.5
MCST3090	Critical Perspectives on New Media	4.5
MCST3899	Media Internship *	4.5
MCST4010	Global Media	4.5
MCST4190	Media Research Methods	4.5
MCST4200	Senior Seminar in Media Life	4.5
Major Electives - Principles		
Choose six of the following: **		27
ART2010	Introduction to Film	
ART2030	Music Appreciation	
ART3020	Art History	
MCST2100	Children, Youth and Media	
MCST2200	Television Studies	
MCST2300	American Film	
MCST3050	Media Identities	
MCST3100	Radio, Records & Popular Music	
MCST3200	History of Photography	
MCST4050	Media & Popular Culture	
MCST4100	Media Theory	
MCST4300	Special Topics in Media Studies	
Major Electives - Practices		
Choose six of the following: **		27
ADVC1010	Marketing Communications	
ADVC1011	Media Strategy	
ADVC1021	Public Relations and Corporate Communications	
ADVC2001	Creative Concepts and Strategy	
ADVC3003	Advertising Campaigns	
ADVC3010	Digital Media Planning	
DME1030	Principles of Composition & Design	
DME1040	Screen Design & Coding I	
DME1050	Imaging for Digital Media	
DME1060	Screen Design & Coding II	
DME2000	Typography and Spatial Design	
DME2020	Motion Graphics I	
DME2025	Basics of Screen Design & Coding	
DME2050	Interactive Architecture and Content Design	

DME3050	Basics of Print Design	
DME3140	Motion Graphics II	
DME3300	Digital Video I	
DME3310	Digital Video II	
ENG2030	Introduction to Newswriting	
ENG3001	Introduction to Creative Writing	
ENG3030	Introduction to Food Writing	
ENG3050	Introduction to Travel Writing	
MCST1050	Writing for Publication	
MCST1070	Writing for Radio, Television and Film	
MCST1090	Writing in Digital Media	
MRKT1001	Principles of Marketing	
SEE1001	Introduction to the Sports, Entertainment and Event Management Industry	
SEE2020	The Business of Event Management	
SEE2030	The Business of the Entertainment Industry	
SEE3045	New Media Literacy in Sports, Entertainment and Event Management	
SEE3060	Concert and Event Production	
SEE3150	Television and Movie Production Management	
Related Professional Studies		
CAR0010	Career Capstone	1
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
Two courses from different disciplines: ART, HIST, HUM, LIT, PHIL, or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
One MATH-designated course		
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
SOC3070	Visual Literacy and the Sociology of Perception	
One course from ECON, LEAD, PSCL, or PSYC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Electives #		
18 credits selected from 1000-4999 numbered offerings within the university		18
Total Credits		181.0

\* Students may use up to 9.0 free elective credits as additional internship credits.  
\*\* Students are responsible for meeting prerequisites.

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Organizational Psychology - BS

The Psychology major offers students the opportunity to learn about and understand the complex relationships between human behavior and the world in which we live. Grounded in experiential learning, and emphasizing awareness, understanding and appreciation for diversity, culture, and global perspectives, this degree incorporates career-related knowledge, skills and abilities that prepare graduates for lifelong learning and professional success.

After taking foundational courses during the first year of the program, students choose one of two areas of emphasis to focus their studies. In Organizational Psychology, students focus on the application of psychological concepts, theories and research in the workplace. Emphasizing innovation, worker productivity, interpersonal interaction, organizational culture and change management in diverse settings, students gain practical skills and knowledge to positively impact the contemporary work environment.

Upon completion of the program, graduates are expected to:

- Apply key concepts, theories and research findings in the discipline of organizational psychology to understanding, explaining and evaluating human behavior and industrial organizational processes in both real-world and experimental settings.
- Critically think and problem solve in an empirical manner as evidenced by the ability to use the scientific method, evaluate research findings, conduct applied research and use results to address challenges in the workplace and society at large.
- Exhibit ethically and socially responsible behavior in industrial settings through an understanding of needs of diverse individuals in complex multicultural global environments.
- Demonstrate written, oral and interpersonal communication skills required of organizational psychology professionals.
- Define and adopt a professional identity, as well as appreciation and commitment to on-going professional development, as evidenced by applying organizational psychology-specific content to career goals, self-efficacy and self-regulation, project management, teamwork, and collaboration skills.

All Psychology students enroll in a required minor in either Applied Research or General Business. This focus complements major course work, providing students with marketable skill sets in research design, survey instrument construction, data analysis, critical evaluation or modern business practices that employers need to make decisions.

A required internship experience enables students to use material learned throughout the program in research or work settings, adding to their résumé and contributing to career employment possibilities. Grounded in a strong scientific foundation, graduates are ready for careers in a wide range of business, nonprofit and government occupations, as well as graduate-level education.

## Organizational Psychology

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

Major Courses		
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MGMT2020	Organizational Behavior	4.5
PSYC2020	Industrial/Organizational Psychology	4.5
PSYC2150	Interpersonal Processes in the Workplace	4.5
PSYC3150	Applied Behavior Analysis	4.5
PSYC3250	Ergonomics & Human Factors	4.5
PSYC3350	Psychology of Motivation and Leadership in the Workplace	4.5
PSYC4150	Psychology of Conflict Resolution	4.5
PSYC4250	Contemporary & Critical Issues in Organizational Psychology	4.5
Psychology Foundation		
PSYC2002	Abnormal Psychology	4.5
PSYC2030	Developmental Psychology	4.5
PSYC3001	Social Psychology	4.5
PSYC3010	Personality	4.5
RSCH2050	Research Methods in Applied Settings	4.5
Required Minor		22.5
Applied Research		
MATH2002	Statistics II	

RSCH3100	Experimental Design in the Social and Behavioral Sciences	
RSCH3200	Qualitative Inquiry	
RSCH3300	Community Action Research	
RSCH4400	Integrative Applied Research Seminar	
Or		
General Business		
Choose five of the following:		
ACCT1210 & FIT1003	Financial Accounting and Introduction to Excel	
ACCT1220	Managerial Accounting	
ECON1001	Macroeconomics	
ECON1002	Microeconomics	
FISV2000	Finance	
LAW2001	The Legal Environment of Business I	
MGMT1002	Contemporary Business Management II	
MRKT1001	Principles of Marketing	
Experiential Education		
CAR0010	Career Capstone	1
PSYC3099	Psychology Internship *	4.5
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
SCI1050	Nutrition	
Social Sciences		9
PSYC1001	Introductory Psychology	
One course from ECON, LEAD, PSCL, or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Electives #		
22.5 credits selected from 1000-4999 numbered offerings within the university.		22.5
Total Credits		181.0

\* Students are required to complete a 4.5 credit internship. Students may use up to 9.0 credits from free electives to do an internship of 9.0 or 13.5 credits.

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Professional Communication - MINOR

The College of Arts & Sciences offers two minors (22.5 credits) that enhance and strengthen the qualifications of graduates moving into business: Environmental Sustainability and Professional Communication.\* These are intended to give students opportunities to develop expertise in an area that complements their major. Real-world applications are embedded in both 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.

The only minors offered are those listed in the catalog. Students cannot elect to create their own minors.

## Professional Communication

### Minor

ENG2010	Technical Writing	4.5
or ENG2030	Introduction to Newswriting	
ENG3010	Technical Editing	4.5
Choose three of the following:		13.5
ADVC1021	Public Relations and Corporate Communications	
DME1000	Foundation Drawing and Digital Tools	
DME3050	Basics of Print Design	
ENG2010	Technical Writing	
ENG2030	Introduction to Newswriting	
ENG3001	Introduction to Creative Writing	
ENG3012	Report and Proposal Writing	
ENG3014	Instruction and Manual Writing	
ENG3016	Advanced Business Communication	
ENG3030	Introduction to Food Writing	
ENG3050	Introduction to Travel Writing	
PRMG2010	Introduction to Project Management	
or PRMG3010	Advanced Project Management	
Total Credits		22.5



# Psychology

The Psychology program offers students the opportunity to learn about and understand the complex relationships between human behavior and the world in which we live. Grounded in experiential learning and emphasizing awareness, understanding and appreciation for diversity, culture and global perspectives, this program incorporates career-related knowledge, skills and abilities that prepare graduates for lifelong learning and professional success.

After taking foundational courses during the first year of the program, students declare a major in either Applied Psychology or Organizational Psychology to focus their studies. Students may also consider a change to the B.S. in Counseling Psychology but will need to work closely with an academic advisor to schedule courses required in the first year of this program.

In the B.S. in Applied Psychology program, students pursue advanced work that applies psychological concepts, theories and practice to the real world. This combination of theory and practical application prepares graduates to identify, address and engage everyday personal, professional and societal opportunities and challenges.

In the B.S. in Organizational Psychology program, students focus on the application of psychological concepts, theories and research in the workplace. Emphasizing innovation, worker productivity, interpersonal interaction, organizational culture and change management in diverse settings, students gain practical skills and knowledge to positively impact the contemporary work environment.

All Applied and Organizational Psychology students are required to declare a minor in either Applied Research or General Business. This focus complements major course work, providing students with marketable skill sets in research design, survey instrument construction, data analysis, critical evaluation or modern business practices that employers need to make decisions.

## Psychology

### Major Courses

PSYC2002	Abnormal Psychology	4.5
PSYC2030	Developmental Psychology	4.5

### A&S Core Experience

Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		4.5
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
Science		4.5
SCI1050	Nutrition	
Social Sciences		4.5
PSYC1001	Introductory Psychology	
<b>Total Credits</b>		<b>45.0</b>

# Teaching and Learning - M.Ed.

The Master of Education in Teaching and Learning program at Johnson & Wales University is a two-year graduate course of study designed to develop master teachers. The program is aligned with National Board Standards and 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 six comprehensive course modules 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 K-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 will be expected to complete the entire sequence of course modules, individuals will be 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 six modules
- Successful completion of a capstone project
- Compliance with all Johnson & Wales University policies

## Teaching and Learning (M.Ed.)

### Major Courses

EDUC5310	Exploration of Teaching and Learning	9
EDUC5320	Monitoring and Managing Student Learning	9
EDUC5330	Standards, Curriculum and Instructional Design	9
EDUC6310	Instructional Strategies and Resources	9
EDUC6320	Assessment for Learning	9
EDUC6330	Capstone: Multiple Roles of Teachers	9

**Total Credits** **54.0**

## College of Culinary Arts

- **Associate in Science (A.S.) Degree**
  - Baking & Pastry Arts (p. 46)
  - Culinary Arts (p. 47)
- **Bachelor of Science (B.S.) Degree**
  - Baking & Pastry Arts (p. 49)
  - Culinary Nutrition (p. 50)
- **Minor**
  - Sommelier (p. 52)

# Baking & Pastry Arts - AS

The associate degree program in Baking & Pastry Arts provides students with practical education in baking and pastry production, while developing professionalism and excellence in academic achievement. Hands-on training is paired with academic courses resulting in a curriculum that is both dynamic and directly aligned with industry needs.

Upon completion of the program, graduates are expected to:

- Utilize multiple classical and contemporary cooking and baking techniques to prepare, produce, and present baked products, pastries, and desserts
- Perform the skills and techniques of professional artisinal bread baking and viennoiserie
- Apply FDA recommended food safety and sanitation principles to food and beverage products, tools and equipment used throughout the flow of the food and beverage operation
- 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

First-year Baking & Pastry Arts students rotate through two terms of hands-on laboratory classes. Emphasis is placed on skills development and techniques of combining basic ingredients to produce pastries, breads, cakes, frozen desserts, and chocolates. Second-year laboratories emphasize advanced techniques in the preparation and production of cakes, entremets, artisan breads, plated desserts and sugar work.

The baking and pastry lab experience is complimented by a sound general education core and professional studies which include food and beverage cost control, nutrition, and a food safety course that, upon successful completion, results in a Food Safety Manager certification recognized by the Conference for Food Protection.

## Baking & Pastry Internship

Associate degree students will participate in one term of experiential education which allows students to participate in food service operations in preparation for future careers. Possible sites include university owned or operated practicum educational facilities, hotels, restaurants, country clubs, resorts, casinos, spas and contract food service providers. Eligibility requirements for certain sites include a 2.75 cumulative GPA and completion of all prerequisite coursework. International internship opportunities at host company sites throughout the world may also be available for students who have met specific college eligibility requirements, have a minimum of one year work experience in a full-service restaurant, hotel or resort, and who maintain a 3.25 cumulative grade point average.

## Baking & Pastry Arts

A two-year program leading to the associate in science degree.

Major Courses		
BPA1010	Fundamental Skills and Techniques	3
BPA1015	Classic Pastry	3
BPA1020	Pies and Tarts	3
BPA1025	Cookies and Petits Fours	3
BPA1030	Hot and Cold Desserts	3
BPA1035	Chocolates and Confections	3
BPA1040	Introduction to Cakes	3
BPA1045	Principles of Artisan Bread Baking	3
BPA1050	Viennoiserie	3
BPA1060	How Baking Works	3
BPA2010	Specialty Cakes	3
BPA2015	Entremets and Petits Gateaux	3
BPA2020	Plated Desserts	3
BPA2025	Advanced Artisan Bread Baking	3
BPA2030	Sugar Artistry	3
Pastry Arts Applications		
BPA2626	Baking & Pastry Internship	13.5
Related Professional Studies		
FSM1065	Food Safety and Sanitation Management *	1.5
FSM2025	Food and Beverage Cost Control	4.5
NUTR2001	Introduction to Nutrition	4.5

A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Mathematics		4.5
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
Science **		4.5
One course from BIO, CHM, PHY or SCI		
A&S Electives		4.5
One course with an EASC attribute.		
Total Credits		96.0
* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.		
** Students intending to continue for a B.S. degree in Culinary Nutrition must complete SCI1015 Introduction to Life Science.		

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

## Four-Year Options:

- Baking & Pastry Arts (<http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-bs>)
- Baking & Pastry Arts and Food Service Management (<http://catalog.jwu.edu/programsofstudy/management/baking-pastry-arts-food-service-management-bs>)
- Business Studies (<http://catalog.jwu.edu/programsofstudy/management/business-studies-bs>)
- Food Service Entrepreneurship (<http://catalog.jwu.edu/programsofstudy/management/food-service-entrepreneurship-bs>)

## Please note the following campus considerations when choosing a Four Year Option:

- Baking & Pastry Arts bachelor's degree program is only offered in Providence for day students.
- Baking & Pastry Arts and Food Service Management is not available in Denver CE.
- Business Studies is not available in Denver CE.
- Food Service Entrepreneurship is only offered in Charlotte and Providence for day students.

## Culinary Arts - AS

The associate degree program in Culinary Arts provides students with practical education in food production, while developing professionalism and excellence in academic achievement. Students progress through a program of study that builds proficiency in food production and cooking, cost control, nutrition, food safety and sanitation. Hands-on training is paired with traditional academic courses resulting in a curriculum that is both dynamic and directly aligned with industry needs.

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 and beverage operation
- 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

The focus of the first-year culinary lab classes is the development and practice of cooking skills, baking, dining and beverage service skills, which includes national certification in alcohol intervention procedures. Second-year laboratories include advanced techniques in classical and international cuisines, garde manger, patisserie/dessert and dining room.

The culinary lab experience is complemented by a sound general education core and professional studies which include menu planning and cost control, nutrition and a food safety course that, upon successful completion, results in a Food Safety Manager certification recognized by the Conference for Food Protection.

### Culinary Internship

Associate degree students will participate in one term of experiential education which allows students to participate in food service operations in preparation for future careers. Possible sites include university-owned or -operated practicum educational facilities, hotels, restaurants, country clubs, resorts, casinos, spas and contract food service providers. Eligibility requirements for certain sites include a 2.75 cumulative GPA and completion of all prerequisite coursework. International internship opportunities at host company sites throughout the world may also be available for students who have met specific college eligibility requirements, have a minimum of one year work experience in a full-service restaurant, hotel or resort, and who maintain a 3.25 cumulative grade point average.

Additionally each year, a select group of second-year students is chosen to participate in a student **Culinary International Exchange** program with culinary arts schools in Ireland and the Azores. For one term, JWU students attend classes in either of these countries, as students from these schools attend culinary classes at Johnson & Wales University. Selected students receive full academic credit for an internship term abroad.

Graduates of the associate degree program in Culinary Arts are eligible, or may apply, for entrance into the following Bachelor of Science degree programs: Baking & Pastry Arts, Culinary Arts and Food Service Management, Culinary Nutrition, Food Service Entrepreneurship or Business Studies. Certain requirements pertain to each of these bachelor degree programs, which are noted in their respective program descriptions.

Graduates of the program have the opportunity to gain employment in the food service industry, which would include a variety of positions in full-service restaurants, hotels, clubs and resorts catering operations, quantity food production facilities, health spas and cruise lines.

### Teaching Assistant and Fellow Scholarship Program

Each year, administrators at the College of Culinary Arts, in conjunction with the administration of university-owned or -operated practicum educational facilities, select teaching assistant candidates from among the top students

of the graduating class in the Culinary Arts and Baking & Pastry Arts associate degree programs. Students who are continuing their education at the university as teaching assistants must be enrolled in a day school program. Qualified teaching assistants may advance to fellow during their senior year. These opportunities allow students to help defray the costs of advanced study while developing their supervisory/management skills.

## Culinary Arts

A two-year program leading to the associate in science degree:

### Major Courses

CUL1015	Introduction to Culinary Foundations	3
CUL1035	Culinary Fundamentals	3
CUL1055	Cooking in Today's Restaurant: Breakfast & Lunch	3
CUL1075	Cooking in Today's Restaurant: Dinner	3
CUL1095	Cooking in the Global Marketplace	3
CUL1115	The Science of Cooking and Sensory Analysis	3
CUL1135	Purchasing, Product Identification & Protein Fabrication	3
CUL1325	Essentials of Dining Service	3
CUL1345	Foundations of Baking & Pastry	3
CUL1365	Exploring Beverages *	3
CUL2215	The Craft of Garde Manger	3
CUL2235	Contemporary Service and Restaurant Supervision	3
CUL2245	International Cuisine and Culinary Cultures	3
CUL2255	Advanced Pastry	3
CUL2265	Classical Cuisines of France and Italy	3

### Culinary Arts Applications

CUL2626	Culinary Arts Internship	13.5
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### Related Professional Studies

FSM1065	Food Safety and Sanitation Management **	1.5
FSM2045	Introduction to Menu Planning and Cost Controls	4.5
NUTR2001	Introduction to Nutrition	4.5

### A&S Core Experience

Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Mathematics		4.5
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
Science ***		4.5
One course from BIO, CHM, PHY or SCI		
A&S Electives		4.5
One course with an EASC attribute.		

<b>Total Credits</b>	<b>96.0</b>
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\* ServSafe Alcohol Certification course required.

\*\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.

\*\*\* Students intending to continue for a B.S. degree in Culinary Nutrition must complete SCI1015 Introduction to Life Science.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

### Four-Year Options:

- Baking & Pastry Arts (<http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-bs>)
- Business Studies (<http://catalog.jwu.edu/programsofstudy/management/business-studies-bs>)
- Culinary Arts and Food Service Management (<http://catalog.jwu.edu/programsofstudy/management/culinary-arts-food-service-management-bs>)
- Food Service Entrepreneurship (<http://catalog.jwu.edu/programsofstudy/management/food-service-entrepreneurship-bs>)

**Please note the following campus considerations when choosing a Four-Year Option:**



- Baking & Pastry Arts bachelor's degree program is only offered in Providence for day students.
- Business Studies is not available in Denver CE.
- Culinary Arts and Food Service Management is not available in Denver CE.
- Food Service Entrepreneurship is only offered in Charlotte and Providence for day students.

## Baking & Pastry Arts - BS

The College of Culinary Arts has designed a four-year curriculum that combines practical education in baking and pastry production with leadership training and general studies courses to prepare students for careers as executive pastry chefs. In the Baking & Pastry Arts bachelor of science degree program students are guided in building skills to master their visions to create artisan breads, confections, sugar works, plated desserts, wedding cakes and chocolate showpieces. During their junior year, students rotate through two terms of academic courses and one term of intensive advanced laboratories. Laboratory courses build hands-on skills in advanced baking and pastry arts techniques.

Upon completion of the program, graduates are expected to:

- Design, produce and present professional pastry and bread showpieces and sculptures as used for weddings, buffets, and competitions.
- Utilize formula substitutions and modifications to develop formulas and finished pastry and bread products that are balanced, flavorful and technically sound.
- Prepare, produce and present pastry, baked products and desserts using multiple, classical and contemporary techniques at a professional level.
- Apply FDA recommended food safety and sanitation principles to food and beverage products, tools and equipment used throughout the flow of the food and beverage operation.
- Prepare, utilize and interpret financial documents related to food-service management operations.
- Demonstrate professional leadership attributes necessary for operating responsibly in the food service industry.

During their senior year, students experience one term of experiential education, which includes internship. During pastry internships, students participate in actual public food service operations in preparation for future careers. Possible sites include university-owned or operated practicum educational facilities, hotels, restaurants, country clubs, resorts, casinos, artisan bakeries, confectionary shops and wedding cake boutiques and are production oriented in nature, with emphasis on supervisory skill development and management and pastry skill refinement. Along with another advanced lab and academics, students participate in “real world” activities which allow them to experience the role of the pastry chef in baking and pastry operations.

Qualified students have the opportunity to replace their internship experience with a summer study abroad program experience. Student teams of 20 to 26 join with faculty plus international schools to study regional specialties and techniques in baking and pastry. Recent programs have been in Italy and Peru. The program combines classroom and practical industry experience.

Upon completion of the bachelor’s degree program in Baking & Pastry Arts, students will be prepared to enter the food service industry in positions such as assistant pastry chef and executive pastry chef trainee.

**Note:** All students interested in entering the Baking & Pastry Arts bachelor’s degree program must complete and submit an application to the program director. Selection is based on previous academic performance, industry experience and professional recommendations. Students must have a minimum GPA of 3.0.

### Baking & Pastry Arts

A four-year program leading to the bachelor of science degree for two-year Baking & Pastry Arts and Culinary Arts\* program graduates.

First two years: 96  
in Baking & Pastry Arts (<http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-as>) \*\*

OR

in Culinary Arts (<http://catalog.jwu.edu/programsofstudy/culinary/culinary-arts-as>) \*, \*\*  
Third and fourth years:

#### Major Courses

BPA3010	Advanced Decorative Breads	3
BPA3015	Naturally Leavened Breads and Advanced Viennoiserie	3
BPA3020	Sensory Analysis in Contemporary Desserts	3
BPA3025	Neo-Classic Desserts	3
BPA3030	Advanced Petits Gateaux	3
BPA4010	Baking and Pastry Buffet Presentation	3

BPA4015	Tiered and Themed Decorated Cakes	3
BPA4020	Advanced Wedding Cake Design	3
BPA4025	Advanced Chocolates and Confections	3
BPA4030	Advanced Sugar Artistry	3
<b>Advanced Applications</b>		
BPA4199	Advanced Baking and Pastry Internship (or Study Abroad)	13.5
<b>Related Professional Studies</b>		
CAR0010	Career Capstone	1
FSM3022	Baking Science	4.5
FSM3035	Supervision for Food Service Professionals	4.5
FSM3040	Food Service Financial Systems	4.5
<b>A&amp;S Core Experience</b>		
Integrative Learning		9.0
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
ART3020	Art History	
or PHIL3040	Ethics of Business Leadership	
One course from a different discipline: ART, HIST, HUM, LIT, PHIL or REL		
Mathematics		4.5
MATH2001	Statistics	
Social Sciences		9
PSYC1001	Introductory Psychology	
One course from ECON, LEAD, PSCI or SOC		
A&S Electives		4.5
One course with an EASC attribute, at the 3000 level or higher.		
<b>Total Credits</b>		<b>94.0</b>
<b>Four-Year Credit Total</b>		<b>190.0</b>

- \* Culinary Arts associate in science degree graduates enrolling in the bachelor of science degree in Baking & Pastry Arts must complete all A.S. Baking & Pastry Arts laboratory courses.
- \*\* Students entering this program with an Associate in Occupational Science Degree may be required to complete additional quarter credit hours of general education courses.

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Culinary Nutrition - BS

The Culinary Nutrition bachelor's degree program is the only program of its kind in the country that integrates the theoretical foundations of nutrition and food science with practical culinary applications. In answer to industry and consumer demands for healthy menu choices and products, graduates of the program combine their nutrition and scientific knowledge and principles to their advanced culinary skills.

Upon completion of the program, graduates are expected to:

- Integrate scientific information and research into scientific and evidenced based practice.
- Demonstrate the beliefs, values, attitudes and behaviors for a professional level of practice.
- Perform 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 working knowledge of supporting areas of food and food systems, physical and biological science, and behavioral and social sciences.

The Culinary Nutrition program is a four-year degree program that begins with a focus on the craft of culinary arts in the first year of study\* and once a student is accepted\*\* into the Culinary Nutrition Program, the second, third and fourth years continue to develop culinary skills and focus on the theory of nutrition and culinary science. The third and fourth years specifically include areas of study that address foundational and advanced nutrition and general sciences, food science, leadership and applied culinary nutrition theory which prepares students for a career in restaurants, clinical dietetics or product research and development.

The Culinary Nutrition program has two tracks of study: Clinical/Dietetics and Culinary Food Science/Product Research and Development.

Clinical/Dietetics is a challenging profession that applies the science of food and nutrition to the health and well-being of individuals and groups. Clinical/Dietetics students develop nutrition care plans and learn nutritional diagnostic skills, as well as refine sensory evaluation techniques. The satisfactory completion of the Clinical/Dietetics track allows students to be eligible to apply for a postgraduate dietetic internship which is a requirement for the National Dietetic Registration Exam to become a Registered Dietitian Nutritionist (RD/RDN).

Students who choose the Culinary Food Science Track are prepared to work in the nation's leading test kitchens in areas such as product development, recipe development and quality assurance. Culinary Science students are involved in developing potential market products, taking them from product concept through prototype development. Strong communication and presentation skills are necessary to succeed in this fast paced environment.

Qualified students within both program tracks have the opportunity to replace their advanced culinary nutrition internship with a summer abroad experience.

The Culinary Nutrition Program is accredited by:

The Accreditation Council for Education in Nutrition (ACEND)  
of the Academy of Nutrition and Dietetics  
120 South Riverside Plaza, Suite 2000  
Chicago, IL 60606-6995,  
312-899-0040, ext. 5400.

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 Culinary Nutrition degree program meets those standards.

\* The first year of study is equivalent to the first year of study in the associate degree in Culinary Arts.

\*\*Upon the completion of the first year of study, all students interested in entering the Culinary Nutrition program must complete and submit an application to the program director before starting Culinary Nutrition specific classes. While application typically takes place during the first year of study, students may apply at any point during their career at Johnson & Wales University. Selection is based on previous academic performance, industry experience and professional recommendations. Students must have

a minimum GPA of 3.0 and a B or better in both SCI1015 Introduction to Life Science and NUTR2001 Introduction to Nutrition.

## Tracks of study pertaining to Clinical/Dietetics (for Culinary Nutrition Majors)

NUTR4030 Medical Nutrition Therapy 4.5

NUTR4630 Advanced Medical Nutrition Therapy 4.5

## Tracks of study pertaining to Culinary Food Science (for Culinary Nutrition Majors)

CUL4111 Product Design and Development 4.5

NUTR3510 Principles of Food Product Development 4.5

## Teaching Assistant and Fellow Scholarship Program

Each year, administrators at the College of Culinary Arts, in conjunction with the administration of university-owned or -operated practicum educational facilities, select teaching assistant candidates from among the top students of the graduating class in the Culinary Arts and Baking & Pastry Arts associate degree programs. Students who are continuing their education at the university as teaching assistants must be enrolled in a day school program.

Qualified teaching assistants may advance to fellow during their senior year. These opportunities allow students to help defray the costs of advanced study while developing their supervisory/management skills.

## Culinary Nutrition

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

Culinary Foundations * , **		
CUL1015	Introduction to Culinary Foundations	3
CUL1035	Culinary Fundamentals	3
CUL1055	Cooking in Today's Restaurant: Breakfast & Lunch	3
CUL1075	Cooking in Today's Restaurant: Dinner	3
CUL1095	Cooking in the Global Marketplace	3
CUL1115	The Science of Cooking and Sensory Analysis	3
CUL1135	Purchasing, Product Identification & Protein Fabrication	3
CUL1325	Essentials of Dining Service	3
CUL1345	Foundations of Baking & Pastry	3
CUL1365	Exploring Beverages ***	3
CUL2215	The Craft of Garde Manger	3
CUL2235	Contemporary Service and Restaurant Supervision	3
CUL2245	International Cuisine and Culinary Cultures	3
CUL2255	Advanced Pastry	3
CUL2265	Classical Cuisines of France and Italy	3
Major Courses		
CUL3155	Vegetarian Cuisine	4.5
CUL3175	Designing Healthy Desserts	3
CUL4155	Athletic Performance Cuisine	4.5
CUL4175	Spa Cuisine	4.5
NUTR3030	Nutrition Assessment	4.5
NUTR3050	Life Span Nutrition	4.5
FSM3025	Food Science	4.5
Major Electives		
Choose one of the following tracks:		9
Clinical/Dietetics Track		
NUTR4030 & NUTR4630	Medical Nutrition Therapy and Advanced Medical Nutrition Therapy	
OR		
Culinary Food Science/Product Research and Development Track		
NUTR3510 & CUL4111	Principles of Food Product Development and Product Design and Development	
Advanced Applications		
CUL4198	Advanced Culinary Nutrition Internship	13.5
Related Professional Studies		
CAR0010	Career Capstone	1
CHM2040	Introduction to General and Organic Chemistry	4.5
CHM3040	Biochemistry	4.5
ENG2010	Technical Writing	4.5
FSM1065	Food Safety and Sanitation Management ****	1.5
FSM2045	Introduction to Menu Planning and Cost Controls	4.5
FSM3035	Supervision for Food Service Professionals	4.5
FSM3040	Food Service Financial Systems †	4.5
or FSM2010	Medical Food Service	
NUTR2001	Introduction to Nutrition	4.5

SCI2031	Anatomy and Physiology	4.5
SCI4060 & SCI4061	Food Microbiology and Food Microbiology Lab	6.75
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
HIST3020	A Multicultural History of America	
One course from ART, HUM, LIT, PHIL or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
SCI1015	Introduction to Life Science	
Social Sciences		9
PSYC1001	Introductory Psychology	
One course from ECON, LEAD, PSCI or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Total Credits</b>		<b>205.75</b>

- \* Baking & Pastry Arts students must complete the three terms of the Culinary Arts degree laboratory classes prior to entering the Culinary Nutrition bachelor of science degree program.
- \*\* Students entering this program with an Associate in Occupational Science Degree may be required to complete additional quarter credit hours of general education courses.
- \*\*\* ServSafe Alcohol Certification course required.
- \*\*\*\* Students must pass a national exam that is recognized by the Conference for Food Protection as a graduation requirement.
- † FSM2010, Medical Food Service, is strongly recommended for students pursuing a career in the Clinical/Dietetics.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Sommelier - MINOR

The College of Culinary Arts offers a Sommelier minor (22.5 credits) that strengthens the qualifications of graduates preparing for the on-premise restaurant industry whether as managers or chefs. 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

### Minor

CUL3020	Foundations of Wine	4.5
CUL4020	New World Wines	4.5
CUL4030	Old World Wines	4.5
CUL4045	Spirits and Mixology Management *	4.5
CUL4185	Sommelier Capstone	4.5
Total Credits		22.5

\* If CUL4045 Spirits and Mixology Management is part of major, then students should take CUL3092 Brewing Arts or CUL3093 Coffee, Tea and Non-alcoholic Beverage Specialist or FSM4070 The Business of Alcohol Distribution, Retail and Sales.



# School of Engineering & Design

- **Associate in Science (A.S.) Degree**
  - Computer Programming (p. 54)
  - Computerized Drafting (p. 55)
- **Bachelor of Science (B.S.) Degree**
  - Electronics Engineering (p. 56)
  - Engineering Design & Configuration Management (p. 57)
  - Graphic Design & Digital Media (p. 58)
  - Network Engineering (p. 60)
  - Robotics Engineering Technology (p. 61)
  - Software Engineering (p. 62)

# Computer Programming - AS

The Computer Programming associate degree program prepares students to become key contributors in the fields of computer and information technology in either traditional business and industry environments or the fast-growing Web- and Internet-based fields.

Upon completion of the program, graduates are expected to:

- Apply knowledge of math, science, engineering, computer software and contemporary developments in the field of software engineering to design, develop and maintain software
- Use software engineering techniques to design, create, implement and test solutions that meet required software and hardware specifications
- Integrate historical context and emerging developments in the fields of software engineering to design and create efficient software solutions using current standards in a business, technical or scientific environment
- Implement best practices through the application of modern tools, techniques, and skills used within software engineering

The program maintains a double focus on programming and database, which gives students knowledge of how the two are interrelated. In the first year, students learn the fundamentals of computer programming and data structures. In the advanced programming courses, students study assembler language programming, object-oriented programming and the application of programming concepts at the systems level. In the advanced database courses, they study database concepts and design. Courses use a hands-on approach that trains students in computer applications used in business, engineering, and Web and Internet industry.

Upon successful completion of the program, students are qualified to work as programmers or database administrators in a wide variety of professional settings. Students may also choose to continue their studies in the bachelor's degree program in Software Engineering.

## Computer Programming

A two-year program leading to the associate in science degree

### Major Courses

CSIS1000	Problem Solving and Programming Concepts	4.5
CSIS1020	Fundamentals of C Programming	4.5
CSIS1040	Fundamentals of Visual Basic	4.5
CSIS1050	Data Structures	4.5
CSIS2030	Database Concepts	4.5
CSIS2050	Advanced Programming Concepts	4.5
CSIS2060	Object-Oriented Programming in C++	4.5
CSIS2065	Java Programming	4.5
FIT1012	Digital Technology for Business	4.5
FIT1014	Solving Business Problems with Technology	4.5
ITEC1020	Introduction to Data Communications	4.5

### Major Electives

Choose two of the following:		9
CSIS2075	Interface Design for Mobile Devices	
CSIS3070	Exploring Mobile Application Development with the I-Phone	
CSIS3075	Mobile Application Development with Android	
ENGN1001	Digital Logic Design I	
ENGN2000	Robotics	
ENGN2002	Digital Logic Design II	
ENGN2045	Computer Vision	
FIT1040	Spreadsheet Design for Business Solutions	
FIT2020	Integrated Computer Business Applications	
FIT2040	Emerging Technologies in the Workplace	

### A&S Core Experience

Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Mathematics		9
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2020	Discrete Mathematics	
Science		6
PHY1011 & PHY1015	General Physics I and General Physics I Laboratory	
Arts & Science Elective		4.5

One course with an EASC attribute.

Total Credits

91.5

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

### Four-Year Options:

- Software Engineering (<http://catalog.jwu.edu/programsofstudy/engineering-design/software-engineering-bs>)

## Computerized Drafting - AS

The two-year associate in science degree program in Computerized Drafting combines academic theory, basic drafting methods, computer-aided drafting techniques and general communications skills with the practical experience necessary for entry-level CAD drafting skills in engineering fields that utilize mechanical, architectural or electrical applications.

Upon completion of the program, graduates are expected to:

- Apply knowledge of industry standard practices and applications
- Utilize critical thinking processes to identify problems and formulate creative solutions that meet required specifications
- Communicate design solutions which incorporate global perspective and ethical responsibility
- Use engineering drafting principles and related skills necessary for project resolution

Upon completion of this program, students may seek career opportunities in state and local government public works and transportation departments, or architectural, electronics and manufacturing industries as draftspersons and/or CAD operators. Students may also choose to continue their studies in the Engineering Design & Configuration Management bachelor of science degree program (day program only).

### Computerized Drafting

A two-year program leading to the associate in science degree

#### Major Courses

CAD1000	Computer-Aided Drafting I	6
CAD1L00	Computer-Aided Drafting I Lab	1
CAD1020	Computer-Aided Drafting II	6
CAD1L20	Computer-Aided Drafting II Lab	1
CAD1030	3D Parametric Modeling	6
CAD1L30	3D Parametric Modeling Lab	1
CAD2000	Portfolio Development	1.5
CAD2020	Mechanical CAD	4.5
CAD2030	Design I: Principles of Design	4.5
CAD2040	Architectural CAD	4.5
CAD2055	Introduction to Building Information Modeling	4.5
CAD2059	Introduction to Computer-Integrated Manufacturing (CIM)	4.5
CAD2061	CAD Applications	4.5

#### Related Professional Studies

FIT1050	Digital Technology for the Creative Industries	4.5
MATH1030	Precalculus	4.5

#### A&S Core Experience

Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Mathematics		4.5
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
Science		6
PHY1011 & PHY1015	General Physics I and General Physics I Laboratory	
Social Science		4.5
One course from ECON, PSCI, PSYC or SOC		
A&S Electives		4.5
One course with an EASC attribute.		

**Total Credits** **91.5**

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

#### Four-Year Options:

- Engineering Design & Configuration Management (<http://catalog.jwu.edu/programsofstudy/engineering-design/engineering-design-configuration-management-bs>)

**Please note the following campus considerations when choosing a Four-Year Option:**

- Engineering Design & Configuration Management is only offered in Providence for day students.

# Electronics Engineering - BS

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.

Our 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.

Through our experiential education options, you’ll 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

Major Courses		
ENGN1001	Digital Logic Design I	4.5
ENGN2002	Digital Logic Design II	4.5
ENGN2003	Circuit Theory I	4.5
ENGN2004	Circuit Theory I Lab	1
ENGN2005	Circuit Theory II	4.5
ENGN2006	Circuit Theory II Lab	1
ENGN2007	Circuit Theory III	4.5
ENGN2008	Circuit Theory III Lab	1
ENGN2020	Transform Methods for Engineering	4.5
ENGN2030	Electronic Communications	4.5
ENGN2075	Microcontrollers I	4.5
ENGN2080	Microcontrollers II	4.5
ENGN2085	Introduction to Embedded Systems	4.5
ENGN3004	Circuit Theory IV	4.5
ENGN3005	Circuit Theory V	4.5
ENGN3035	Microelectronics Design	4.5
ENGN3045	Electricity & Magnetism	4.5
ENGN3055	Electronics Engineering Design and Prototyping	4.5
ENGN4030	Digital Signal Processing	4.5
ENGN4060	Embedded Systems Design I	4.5
ENGN4065	Embedded Systems Design II	4.5

Related Professional Studies		
CAD3015	Engineering Graphics & Design	4.5
CAR0010	Career Capstone	1
CSIS1020	Fundamentals of C Programming	4.5
CSIS2050	Advanced Programming Concepts	4.5
FIT1025	Engineering Tools for Problem Solving	2
MATH2043	Ordinary Differential Equations	4.5
MATH3040	Calculus III	4.5
PRMG2010	Introduction to Project Management	4.5
PHY2011 & PHY2015	Physics I and Physics I Laboratory	6.0
PHY2022 & PHY2025	Physics II and Physics II Laboratory	6.0

Experiential Education Electives		
Choose 9 credits from the following: *		9
DEE3999	Directed Experiential Education **	
TECX4045	Technical Solutions Team I	
TECX4046	Technical Solutions Team II	
TECX4099	Technology Internship	

A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	

ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1040	Calculus I (or higher, based on student’s placement)	
MATH2040	Calculus II	
Science		6.75
CHM1000 & CHM1005	Foundations in Chemistry and Foundations in Chemistry Laboratory	
Social Sciences		9
Two courses from different disciplines: ECON, LEAD, PSCI, PSYC, SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		

**Total Credits** **200.25**

- \* Students not meeting the requirements for experiential education may take courses with CAD, CSIS, ENGN, FIT, ITEC, or PRMG with 2000-4999 designations that are not part of program requirements, or Free Electives with Dept. Chair approval.
- \*\* 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 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Engineering Design & Configuration Management - BS

The Engineering Design & Configuration Management bachelor's degree program complements the two-year Computerized Drafting associate degree. Students build upon their associate degree in Computerized Drafting and integrate CAD software and drafting standards to develop engineering design concepts and configuration management methods and techniques.

Upon completion of the program, graduates are expected to:

- Apply knowledge of fundamental engineering sciences necessary to carry out analysis and design appropriate to product and project development.
- Use critical thinking in identifying, formulating and solving engineering and design problems.
- Communicate design solutions which reflect global perspective and ethical responsibility.
- Use the tools and materials necessary to develop and manage a project including analyzing and interpreting project results.
- Integrate knowledge, tools and problem solving skills in project and product development.

The Engineering Design & Configuration Management program is comprised of the development of design skills, conventions and standards, and the management of design documentation for products and projects. The organization and design of products parallels the organization and development of projects. Some topics in this program are quality control/professional practice, design and project development, materials and process engineering, standards/codes and ergonomics, configuration management and an introduction to CAD/CAM. Each course is developed for hands-on experience and case studies to prepare the student for professional placement.

Graduates may be part of design and project teams in a product manufacturing field or in areas of project development and management with start-up companies and established organizations.

## Engineering Design & Configuration Management

A four-year program leading to the bachelor of science degree for two-year Computerized Drafting program graduates.

First two years: 91.5

in Computerized Drafting (<http://catalog.jwu.edu/programsofstudy/engineering-design/computerized-drafting-as>)

Third and fourth years:

### Major Courses

CAD3075	Design for Manufacturing	4.5
ENGN3000	Materials and Process Engineering	4.5
ENGN3085	Principles of Systems Engineering	4.5
ENGN3130	Design II: Iteration and Design Development	4.5
ENGN4000	Standards/Codes and Ergonomics	4.5
ENGN4005	Quality Control/Professional Practice	4.5
ENGN4010	Configuration Management	4.5
ENGN4130	Design III: Project Resolution and Detailing	4.5

### Major Electives

Choose one of the following: 4.5

CSIS1000	Problem Solving and Programming Concepts
DME1000	Foundation Drawing and Digital Tools
DME1020	Design Perspectives
DME1030	Principles of Composition & Design
ENGN1001	Digital Logic Design I
ENGN2000	Robotics
FIT1014	Solving Business Problems with Technology
FIT1040	Spreadsheet Design for Business Solutions
FIT2040	Emerging Technologies in the Workplace

### Related Professional Studies

CAR0010	Career Capstone	1
ENGN3090	Systems Performance and Measurement	4.5
PRMG2010	Introduction to Project Management	4.5

### Experiential Education Electives

Choose 9 credits of the following: \*

DEE3999	Directed Experiential Education **
TECX4045	Technical Solutions Team I
TECX4046	Technical Solutions Team II
TECX4099	Technology Internship

### A&S Core Experience

Integrative Learning		9.0
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3020 or PHIL3040	Crisis and Controversy: A Critical Thinking Approach Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		4.5
MATH2001	Statistics	
Social Sciences		4.5
LEAD1010	Foundations of Leadership Studies	
A&S Elective		4.5
One course with an EASC attribute, at 3000 level or higher.		
<b>Total Credits</b>		<b>91.0</b>
<b>Four-Year Credit Total</b>		<b>182.5</b>

\* Students not meeting the requirements for experiential education may take courses with DME, CSIS, ENGN, FIT, ITEC, or PRMG with 2000-4999 designations that are not part of program requirements, or Free Electives with Dept. Chair approval.

\*\* 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).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.



# Graphic Design & Digital Media - BS

The Graphic Design & Digital Media bachelor's degree program combines visual design foundation courses and hands-on pre-professional educational experience to prepare students for careers in professional graphic design and digital media.

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.
- Create ethical design solutions that respond to the physical, cognitive, cultural and social elements of the audience.
- Work, integrate and communicate productively in teams to successfully adhere to industry standards, professionalism and etiquette.

Students in this degree program prepare for a wide range of career opportunities in the creative industries where graphic design and technology intersect. Sample job titles in this rapidly changing professional market include Graphic 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 hands-on and performance-based using current digital software and hardware in university labs and studios.

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 presentational materials.

In addition, the junior and senior years are highlighted with real-world experience in the Alan Shawn Feinstein Technology & Design Center (FTDC) and through internships. Students develop competitive skills in project management by creating, managing and presenting graphic design and digital media projects for real-world clients in nonprofit organizations.

In Design Solutions Team I & II, junior-level students apply their knowledge to real-world problems through experiential education. Working from the Feinstein Technology & Design Center on campus, students provide digital media solutions for nonprofit organizations. 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 info graphics; video; animation and websites. Students work in project teams supervised by faculty.

In their senior year, students complete the Senior Portfolio Assessment course that guides students 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.

Other opportunities such as study abroad, national competitions and school exhibitions are also available to qualified students and complement the college experience.

## Graphic Design & Digital Media

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

Major Courses		
DME1000	Foundation Drawing and Digital Tools	4.5
DME1020	Design Perspectives	4.5
DME1030	Principles of Composition & Design	4.5

DME1040	Screen Design & Coding I	4.5
DME1050	Imaging for Digital Media	4.5
DME1060	Screen Design & Coding II	4.5
DME2000	Typography and Spatial Design	4.5
DME2030	Print Design	4.5
DME2040	Portfolio Assessment	4.5
DME2050	Interactive Architecture and Content Design	4.5
DME3010	Design Solutions Team I	4.5
DME3020	Design Solutions Team II	4.5
DME3115	Technologies for Screen Design	4.5
DME3210	Print Production	4.5
DME4010	Design Studio I	4.5
DME4020	Design Studio II	4.5
DME4050	Senior Portfolio Assessment	4.5
Related Professional Studies		
ADVC1010	Marketing Communications	4.5
ADVC2001	Creative Concepts and Strategy	4.5
ADVC2002	Copywriting and Art Direction	4.5
CAR0010	Career Capstone	1
FIT1050	Digital Technology for the Creative Industries	4.5
PRMG2010	Introduction to Project Management	4.5
Experiential Education Electives		
Choose 9 credits of the following: *		9
DEE3999	Directed Experiential Education **	
TECX4045	Technical Solutions Team I	
TECX4046	Technical Solutions Team II	
TECX4099	Technology Internship ***	
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
ART3020	Art History	
One course from HIST, HUM, LIT, PHIL or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
SOC2010	Sociology of Digital Environments	
One course from ECON, LEAD, PSCI or PSYC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Electives #		
9 credits selected from 1000-4999 numbered offerings within the university.		9
Total Credits		181.0

- \*

Students not meeting the requirements for experiential education may take courses with DME, CSIS, ENGN, FIT, ITEC, or PRMG with 2000-4999 designations that are not part of program requirements, or Free Electives with Dept. Chair approval.
- \*\*

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).
- \*\*\*

Students wishing to do 13.5 credits of TECX4099 Technology Internship must use 4.5 credits of free elective requirements.

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and

elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Network Engineering - BS

The Network Engineering bachelor’s degree program gives students an in-depth skill base in the networking tools and problem-solving practices they need to become professionals in the fast-growing field of network technology. Using current networking software and hardware tools, students develop communications skills that prepare them to become highly functional members of project teams consisting of design, technological and business professionals.

Upon completion of the program, graduates are expected to:

- Apply knowledge of math, science, engineering and contemporary developments in the fields of network architecture, network security, and transmission systems to carry out analysis and design appropriate to network engineering.
- Use network engineering processes to identify and analyze problems, and formulate, implement and test networking solutions that meet required specifications.
- Incorporate historical context and emerging developments in the fields of network architecture, network security, and transmission systems to create adaptable and efficient solutions with ethical considerations and global awareness.
- Employ techniques, skills, and modern tools necessary for network engineering best practices.
- Integrate knowledge, tools, and problem solving skills to carry out the design, creation, maintenance and testing of state of the art networks.

Specially designed laboratories give students an enriched hands-on environment in which to hone their design and problem-solving skills, become familiar with equipment and methods common in industry and use a range of current networking software tools.

Seniors participate in one of these experiential education options: technical project team or internship. Students apply for the experiential education option they want and are placed according to their qualifications, work availability and the best fit for their program of study.

Successful graduates of the program in Network Engineering should be prepared for network certification exams, and will be ready to embark upon careers in information technology and business as network administrators, managers, designers or assistant engineers.

## Network Engineering

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

Major Courses		
CAD2080	CAD for Network Systems Design	4.5
CSIS1000	Problem Solving and Programming Concepts	4.5
CSIS1020	Fundamentals of C Programming	4.5
CSIS1050	Data Structures	4.5
CSIS2045	Introduction to Operating Systems	4.5
CSIS2050	Advanced Programming Concepts	4.5
ENGN1025	Survey of Electronics	4.5
ITEC2081	Network Protocols I	4.5
ITEC2082	Network Protocols II	4.5
ITEC2085	Distributed Systems with TCP/IP	4.5
ITEC3010	Server Configuration and Implementation	4.5
ITEC3031	Router Internals and Integration	4.5
ITEC3050	Information Security	4.5
ITEC3060	Network Management and Administration	4.5
ITEC3075	Network Security	4.5
ITEC3083	Wireless Networking	4.5
Mastery Exam	Students are required to pass a mastery examination given by the Engineering department consisting of material from the network engineering major courses after completion of the ITEC3060 course.	0
Related Professional Studies		
ACCT2001	Business Accounting I	4.5
CAR0010	Career Capstone	1
ENG2010	Technical Writing	4.5
LAW2001	The Legal Environment of Business I	4.5
MATH1040	Calculus I	4.5
MATH2020	Discrete Mathematics	4.5
MGMT2020	Organizational Behavior	4.5
PRMG2010	Introduction to Project Management	4.5
PRMG3010	Advanced Project Management	4.5

Experiential Education Electives		
Choose 9 credits of the following: *		
DEE3999	Directed Experiential Education **	
TECX4045	Technical Solutions Team I	
TECX4046	Technical Solutions Team II	
TECX4099	Technology Internship	
A&S Core Experience		
Communications Foundation Courses		
ENG1020	English Composition	13.5
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		
PHIL3040	Ethics of Business Leadership	9
One course from ART, HIST, HUM, LIT or REL		
Mathematics		
MATH1030	Precalculus (or higher, based on student's placement)	9
MATH2001	Statistics	
Science		
PHY1011 & PHY1015	General Physics I and General Physics I Laboratory	6
Social Sciences		
LEAD1010	Foundations of Leadership Studies	9
One course from ECON, PSCI, PSYC or SOC		
A&S Electives		
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Total Credits		182.5

- \*

Students not meeting the requirements for experiential education may take courses with CAD, CSIS, ENGN, FIT, ITEC, or PRMG with 2000-4999 designations that are not part of program requirements, or Free Electives with Dept. Chair approval.
- \*\*

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 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Robotics Engineering Technology - BS

The Robotics Engineering Technology bachelor's degree program provides a broad based foundation in current and evolving areas of robotics and mechatronics engineering technology. The program focuses on the technology dynamics of the industry in robotic and mechatronic systems and applications.

Our immersive, lab-based approach integrates technology and engineering applications with contemporary developments in the field.

Upon completion of the program, graduates are expected to:

- Apply knowledge of mathematics, science, engineering and technology as required by the field of robotics engineering.
- Use engineering technology processes to analyze problems, formulate solutions, conduct simulations and experiments and interpret data.
- Apply written, oral, and graphical communication for the engineering technology field with consideration for ethical and global concerns.
- Use techniques, skills, industry related tools and technical literature to complete projects, analyze, and interpret data to formulate solutions to engineering technology problems.
- Integrate knowledge, tools, and problem solving skills to implement the testing of solutions to engineering problems.

Through our experiential education options, you'll have the opportunity to gain work experience at a variety of industry partnership sites.

## Robotics Engineering Technology

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

### Major Courses

ENGN1001	Digital Logic Design I	4.5
ENGN2000	Robotics	4.5
ENGN2002	Digital Logic Design II	4.5
ENGN2003	Circuit Theory I	4.5
ENGN2004	Circuit Theory I Lab	1
ENGN2005	Circuit Theory II	4.5
ENGN2006	Circuit Theory II Lab	1
ENGN2010	Industrial Electronics	4.5
ENGN2011	Industrial Electronics Lab	1
ENGN2025	Applied Mechanics I: Statics	4.5
ENGN2032	Industrial Robotics	4.5
ENGN2035	Programmable Logic Controllers	4.5
ENGN2045	Computer Vision	4.5
ENGN2062	Artificial Intelligence	4.5
ENGN2075	Microcontrollers I	4.5
ENGN2080	Microcontrollers II	4.5
ENGN3010	Mechatronics I	4.5
ENGN3015	Mechatronics II	4.5
ENGN3025	Applied Mechanics II: Dynamics	4.5
ENGN3051	Introduction to Process Control	4.5
ENGN3053	Strength of Materials	4.5
ENGN3075	Applied Fluid Mechanics	4.5
ENGN4075	Robotics & Automation I	4.5
ENGN4080	Robotics & Automation II	4.5
MATH2040	Calculus II	4.5

### Related Professional Studies

CAD1025	Parametric Modeling	4.5
CAR0010	Career Capstone	1
CSIS1020	Fundamentals of C Programming	4.5
CSIS2050	Advanced Programming Concepts	4.5
FIT1025	Engineering Tools for Problem Solving	2
PRMG2010	Introduction to Project Management	4.5

### Experiential Education Electives

Choose 9 credits of the following:		9
DEE3999	Directed Experiential Education **	
TECX4045	Technical Solutions Team I	
TECX4046	Technical Solutions Team II	
TECX4099	Technology Internship	

### A&S Core Experience

Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	

Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1030	Precalculus (or higher, based on student's placement)	
MATH1040	Calculus I	
Science		6
PHY1011 & PHY1015	General Physics I and General Physics I Laboratory	
Social Sciences		9
Two courses from different disciplines: ECON, LEAD, PSCI, PSYC, SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Total Credits</b>		<b>196.5</b>

\* Students not meeting the requirements for experiential education may take courses with CAD, CSIS, ENGN, FIT, ITEC, or PRMG with 2000-4999 designations that are not part of program requirements, or Free Electives with Dept. Chair approval.

\*\* 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 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Software Engineering - BS

The Software Engineering bachelor's degree program prepares graduates for the challenges in the diverse, fast-paced and rapidly evolving field of solution development. This curriculum provides the student with the opportunity to build upon their technical skills with leadership abilities, project management skills, team-building skills and customer awareness.

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 project management.
- Use software engineering concepts and processes to identify and analyze problems, and to formulate, implement and test software based solutions that meet required specifications.
- Incorporate historical context and emerging developments in the fields of software architecture, programming languages, integrated development environments, network programming paradigms, and application domains to create adaptable and efficient software solutions that reflect ethical considerations and global awareness.
- Use the techniques, skills, and modern tools necessary for software engineering best practices.
- Integrate knowledge, tools, and problem solving skills to carry out the design, creation, maintenance, and testing of state of the art software solutions.

The Software Engineering program develops a solid philosophy based on technology as a tool for business solutions and prepares students for rewarding careers in any industry as the provider of business solutions. Graduates of this program will be prepared to work in private, public or governmental organizations within various industries such as retail, hospitality, finance or technology.

The Software Engineering program has three courses that students can use to tailor their program to the specific industry they wish to pursue. These courses will be determined through discussion with the student's faculty advisor and recorded on his/her degree requirements.

Seniors participate in one of these experiential education options: technical project team or internship. Students apply for the experiential education option they want and are placed according to their qualifications, work availability and the best fit for their program of study.

## Software Engineering

A four year program leading to the bachelor of science degree for two-year Computer Programming graduates.

First two years:	91.5
in Computer Programming ( <a href="http://catalog.jwu.edu/programsofstudy/engineering-design/computer-programming-as">http://catalog.jwu.edu/programsofstudy/engineering-design/computer-programming-as</a> )	
Third and fourth years:	
<b>Major Courses</b>	
ENGN4010	Configuration Management 4.5
ITEC2081	Network Protocols I 4.5
ITEC2085	Distributed Systems with TCP/IP 4.5
ITEC3040	Systems Analysis 4.5
ITEC3050	Information Security 4.5
PRMG2010	Introduction to Project Management 4.5
<b>Related Professional Studies</b>	
CAR0010	Career Capstone 1
ENG2010	Technical Writing 4.5
LAW2001	The Legal Environment of Business I 4.5
Application Domain	Three courses selected from the various colleges through consultation with the department chair 13.5
<b>Experiential Education Electives</b>	
Choose 9 credits of the following: *	
DEE3999	Directed Experiential Education **
TECX4045	Technical Solutions Team I
TECX4046	Technical Solutions Team II
TECX4099	Technology Internship
<b>A&amp;S Core Experience</b>	
<b>Integrative Learning</b> 9.0	
Two ILS courses, one at the 2000 level, and one at the 4000 level.	
<b>Arts and Humanities</b> 9	
PHIL3020	Crisis and Controversy: A Critical Thinking Approach

or PHIL3040	Ethics of Business Leadership
One course from ART, HIST, HUM, LIT or REL	
Social Sciences	9
PSYC1001	Introductory Psychology
One course from ECON, LEAD, PSCI or SOC	
A&S Electives	4.5
One course with an EASC attribute, at 3000 level or higher.	
<b>Total Credits</b>	<b>91.0</b>
<b>Four-Year Credit Total</b>	<b>182.5</b>
* Students not meeting the requirements for experiential education may take courses with CAD, CSIS, ENGN, FIT, ITEC, or PRMG with 2000-4999 designations that are not part of program requirements, or Free Electives with Dept. Chair approval.	
** 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).	

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.



# College of Management

## School of Business

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# Accounting - BS

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, communications 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.

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 2.75 grade point average may have the opportunity to participate in internship opportunities either on or off campus. By participating in an internship, students receive professionally focused experience by performing accounting functions for various departments within the university and organizations outside the university, and may graduate with experience in such areas as accounts payable, accounts receivable and general ledger.

## Accounting

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

Business Foundations		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FIT1003	Introduction to Excel	2.25
FISV2000	Finance	4.5
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Major Courses		
ACCT2021	Intermediate Accounting I	4.5
ACCT2022	Intermediate Accounting II	4.5
ACCT2023	Intermediate Accounting III	4.5
ACCT2035	Accounting Software	4.5
ACCT3011	Federal Taxes I	4.5
ACCT3031	Cost Accounting I	4.5
ACCT3040	Auditing	4.5
ACCT3050	Advanced Accounting	4.5
ACCT3060	Accounting Information Systems	4.5
ACCT4060	Accounting Seminar	4.5
ECON1001	Macroeconomics	4.5
FIT1013	Excel for Accounting & Finance	2.25
Major Electives		
Choose three of the following:		13.5

ACCT3012	Federal Taxes II	
ACCT3030	Not-For-Profit Accounting	
ACCT3032	Cost Accounting II	
ACCT3045	Internal Auditing	
ACCT3055	Casino Accounting	
ACCT3065	Advanced Quickbooks	
ACCT3080	Fraud Examination: Theory and Practice	
ACCT4020	Accounting Technology Practice and Procedure	
ACCT4050	International Accounting	
Choose one of the following Legal Electives:		4.5
LAW3002	The Legal Environment of Business II	
LAW3010	Business Law for Accountants	
LAW3055	International Business Law	
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1035	Quantitative Analysis I (or higher, based on student's placement) *	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1002	Microeconomics	
One course from LEAD, PSCL, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Electives #		
13.5 credits selected from 1000-4999 numbered offerings within the university.		13.5
<b>Total Credits</b>		<b>181.0</b>
* Students that do not place in MATH1035 Quantitative Analysis I will need to take an extra course, MATH1020 Fundamentals of Algebra, as prerequisite. If needed this will count as an A&S elective.		

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

## Advertising - BS

The Advertising bachelor's degree program provides students with a wide range of knowledge and practical skills related to the development and execution of integrated marketing communication plans, which embrace the promotional elements of strategic and creative advertising, branding, public relations, sales promotion and digital marketing (including search engine marketing). A hallmark of the advertising program is the team approach to classroom learning whereby students work in groups for real-world clients similar to an advertising or marketing agency environment.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the advertising industry.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods as required by the advertising industry.
- Use decision-support tools to resolve contemporary business issues using ethical business practices.
- Analyze research and apply critical thinking to identify and recommend appropriate communications-based solutions for client/brand challenges that include traditional, digital, and social executions.
- Develop branding and creative strategies for fully integrated campaigns that align with marketing and communications objectives for local, national and global brands.

Students create advertising strategies, plan and buy media, write publicity and cause-related materials, develop research strategies, develop digital and social media strategies and viral advertising programs, and produce concepts for print, broadcast and online advertisements. Students have the opportunity to hone these skills while participating in a term-long internship at a wide variety of host sites. This is a one-term, 4.5–13.5 credit experience with a business partner anywhere in the world. Students complete a specific business-building project, which is reviewed by the faculty advisor and the business partner.

Upon graduation, students may be employed by media organizations, advertising agencies or businesses in positions that utilize these skills. Typical areas of interest include entry-level positions in account management, brand management, copy writing, art direction, digital media planning/analyzing, managing social media, account planning, media planning/buying, media sales and creative services.

### Advertising

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

Business Foundations		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Major Courses		
ADVC1010	Marketing Communications	4.5
ADVC1011	Media Strategy	4.5
or DME3050	Basics of Print Design	
ADVC1021	Public Relations and Corporate Communications	4.5
ADVC2001	Creative Concepts and Strategy	4.5
ADVC4015	Integrated Marketing Communications Seminar	4.5
MRKT1002	Consumer Behavior	4.5
MRKT2050	Marketing Research	4.5
MRKT3005	Brand Marketing	4.5
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
or PHIL3020	Crisis and Controversy: A Critical Thinking Approach	

One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSCI, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Electives #		
49.5 credits selected from 1000-4999 numbered offerings within the university.		49.5
Total Credits		183.25

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Baking & Pastry Arts and Food Service Management - BS

The Baking & Pastry Arts and Food Service Management program combines the strengths of baking and pastry arts and management to prepare students for a management career in front- or back-of-the-house. Graduates of the Baking & Pastry Arts and Food Service Management program with sufficient experience may obtain positions in a variety of areas that include, but are not limited to, restaurant manager, kitchen manager, pastry chef, executive chef, food and beverage director, catering manager, room service manager, sous chef, beverage manager and dining room manager.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the food service management profession to address industry problems both locally and globally.
- Communicate effectively to diverse audiences, purposes and situations in food service operations.
- Use decision-support tools and technology to solve problems and facilitate organizational processes within the food service operation.
- Comprehend and apply industry specific operational standards.
- Analyze and interpret pertinent information when making decisions within food service operations.

The curriculum provides ample opportunity for students to build upon their leadership and management abilities, cooking techniques, critical thinking, personal accountability and ethical behavior, problem-solving techniques, strong financial analysis skills and customer awareness. The Baking & Pastry Arts and Food Service Management degree program develops a culinary foundation and management philosophy in its graduates.

The program allows students to receive a world-class baking and pastry and hospitality education. Students receive several senior-level capstone experiences in culinary arts, hospitality operations and strategic management.

## Baking & Pastry Arts and Food Service Management

A four-year program leading to the bachelor of science degree for two-year Baking & Pastry Arts program graduates.

First two years:	96
in Baking & Pastry Arts ( <a href="http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-as">http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-as</a> )	
Third and fourth years:	
<b>Business Foundations</b>	
ACCT1210	Financial Accounting 4.5
ACCT1220	Managerial Accounting 4.5
CAR0010	Career Capstone 1
FISV2000	Finance 4.5
FIT1003	Introduction to Excel 2.25
LAW2001	The Legal Environment of Business I 4.5
<b>Major Courses</b>	
FSM2005	Technology in the Food and Beverage Industry 2.25
FSM3001	Food Service Management Systems and Human Resource Applications 4.5
FSM3075	Food Service and Hospitality Strategic Marketing 4.5
FSM4061	Advanced Food Service Operations Management 4.5
FSM4160	Food and Beverage Strategies and Logistics 4.5
<b>A&amp;S Core Experience</b>	
Integrative Learning	9
Two ILS courses, one at the 2000 level, one at the 4000 level	
Arts and Humanities	9
PHIL3040	Ethics of Business Leadership
One course from ART, HIST, HUM, LIT or REL	
Mathematics	4.5
MATH2001	Statistics
Social Sciences	9
ECON1001	Macroeconomics
or ECON1002	Microeconomics
One course from LEAD, PSCL, PSYC or SOC	
A&S Electives	4.5
One course with an EASC attribute, at 3000 level or higher.	
<b>Free Electives</b> #	

13.5 credits selected from 1000-4999 numbered offerings within the university.	13.5
<b>Total Credits</b>	<b>91.0</b>
<b>Four-Year Credit Total</b>	<b>187.0</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Business Administration - BS

The Business Administration bachelor's 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.
- Solve business problems by generating alternatives and justifying decisions using qualitative and quantitative methods.
- Propose and defend business positions integrating the effects of current global forces on the business 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.

Students also tailor their degree by working with a faculty advisor to select 45 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 work experiences, and/or study abroad credits to prepare for a more specific career.

## Business Administration

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

Business Foundations		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Degree Courses		
ECON1002	Microeconomics	4.5
MATH1035	Quantitative Analysis I	4.5
MATH2002	Statistics II	4.5
MGMT1002	Contemporary Business Management II	4.5
MGMT2020	Organizational Behavior	4.5
MGMT2030	Operations and Supply Chain Management I	4.5
MGMT4020	Strategic Management	4.5
MGMT4030	Senior Business Capstone	4.5
MRKT3050	Techniques in Sales Management	4.5
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSCL, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Electives #		

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.



# Business Studies - BS

The Business Studies bachelor’s degree program offers a general business education to individuals already holding an associates degree or equivalent in any field. Earning the bachelor’s degree will generally require two additional years of study.

The program’s coursework builds a basic foundation by exposing students to relevant areas of accounting, business law, economics, information technology, marketing and management. Students also tailor their degree by selecting a focus area that best suits their unique goals. Potential focus areas may include operations management, human resources, international business, marketing and entrepreneurship. 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.
- Present alternative solutions to business problems.
- Identify and analyze the effects of global forces within the business environment.

Upon graduation, students may navigate into one of many industries. In addition to gaining the general business competencies and skills desired by employers, students may use their Business Studies focus area and/or associate degree education and training to position themselves for unique careers of interest.

## Business Studies

A four-year program leading to the bachelor of science degree for graduates of two-year associate in science degree programs.

First two years:		90-96
Associate degree or equivalent. Students must meet program’s prerequisite requirements listed below.		
OR		
in Baking & Pastry Arts ( <a href="http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-as">http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-as</a> )		
OR		
in Culinary Arts ( <a href="http://catalog.jwu.edu/programsofstudy/culinary/culinary-arts-as">http://catalog.jwu.edu/programsofstudy/culinary/culinary-arts-as</a> )		
Third and fourth years:		
<b>Business Foundations</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1.0
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
<b>Degree Courses</b>		
ECON1001	Macroeconomics	4.5
MGMT1002	Contemporary Business Management II	4.5
MGMT4020	Strategic Management	4.5
MGMT4030	Senior Business Capstone	4.5
MGMT2030 & MGMT3040	Operations and Supply Chain Management I and Process and Quality Management	9
OR		
MGMT3060 & MGMT3050	Training and Development and Compensation, Benefits and Total Rewards	
OR		
IBUS2030 & IBUS3055	Foreign Area Studies and International Resource Management	
OR		
MRKT3005 & MRKT4030	Brand Marketing and International Marketing	
OR		
Two ENTR-designated courses		
<b>A&amp;S Core Experience</b>		
Integrative Learning		9

Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		4.5
MATH2001	Statistics	
Social Sciences		9
ECON1002	Microeconomics	
One course from LEAD, PSCL, PSYC or SOC		
A&S Electives		4.5
One course with an EASC attribute at the 3000 level or higher.		
<b>Total Credits</b>		<b>97.75</b>
<b>Four-Year Credit Total</b>		<b>187.75-193.75</b>

## Prerequisites

ENG1020	English Composition	4.5
ENG1021	Advanced Composition and Communication	4.5
ENG1030	Communication Skills	4.5
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	4.5
Science	One course from BIO, CHM, PHY or SCI	4.5
A&S Elective	One course with an EASC attribute	4.5

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Culinary Arts and Food Service Management - BS

The Culinary Arts and Food Service Management program combines the strengths of culinary arts and management to prepare students for a management career in front- or back-of-the-house. Graduates of the Culinary Arts and Food Service Management program with sufficient experience 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.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the food service management profession to address industry problems both locally and globally.
- Communicate effectively to diverse audiences, purposes and situations in food service operations.
- Use decision-support tools and technology to solve problems and facilitate organizational processes within the food service operation.
- Comprehend and apply industry specific operational standards.
- Analyze and interpret pertinent information when making decisions within food service operations.

The curriculum provides opportunities for students to build upon their leadership and management abilities, cooking techniques, critical thinking, personal accountability and ethical behavior, problem-solving techniques, strong financial analysis skills and customer awareness. The Culinary Arts and Food Service Management degree develops a culinary foundation and management philosophy in its graduates.

The program allows students to receive a world-class culinary arts and hospitality education. The program's strength is that students receive several senior-level capstone experiences in culinary arts, hospitality operations and strategic management.

## Culinary Arts and Food Service Management

A four-year program leading to the bachelor of science degree for two-year Culinary Arts program graduates.

First two years:

96

in Culinary Arts (<http://catalog.jwu.edu/programsofstudy/culinary/culinary-arts-as>)

Third and fourth years:

### Business Foundations

ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5

### Major Courses

FSM2005	Technology in the Food and Beverage Industry	2.25
FSM3001	Food Service Management Systems and Human Resource Applications	4.5
FSM3075	Food Service and Hospitality Strategic Marketing	4.5
FSM4061	Advanced Food Service Operations Management	4.5
FSM4160	Food and Beverage Strategies and Logistics	4.5

### A&S Core Experience

Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9.0
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		4.5
MATH2001	Statistics	
Social Sciences		9.0
ECON1001	Macroeconomics	
or ECON1002	Microeconomics	
One course from LEAD, PSYC, PSYC or SOC		
A&S Electives		4.5
One course with an EASC attribute, at 3000 level or higher.		

### Free Electives #

13.5 credits selected from 1000-4999 numbered offerings within the university.

13.5

<b>Total Credits</b>	<b>91.0</b>
<b>Four-Year Credit Total</b>	<b>187.0</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Entrepreneurship - BSBA

The Bachelor of Science in Business Administration (B.S.B.A.) in Entrepreneurship degree program allows students the opportunity to study the management of small businesses and start-ups. 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.

At the Providence Campus, the Larry Friedman International Center for Entrepreneurship offers students the resources necessary to bring their business ideas to reality; technological, administrative and professional assistance is available. Students have the option of putting into operation the business plan they have been working on throughout their time at the university and starting their business prior to graduation.

## Entrepreneurship

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

Business Foundations		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Degree Courses		
ECON1002	Microeconomics	4.5
MGMT1002	Contemporary Business Management II	4.5
MGMT2020	Organizational Behavior	4.5
MGMT2030	Operations and Supply Chain Management I	4.5
MGMT4020	Strategic Management	4.5
MGMT4030	Senior Business Capstone	4.5
Major Courses		
ENTR3015	Small Business Management	4.5
ENTR3025	Growth and Sustainability for Small Business	4.5
ENTR3030	Marketing for Entrepreneurs	4.5
ENTR4010	Change and Innovation Management	4.5
ENTR4055	Entrepreneurship Seminar	4.5
MGMT3030	Managerial Technology	4.5
PRMG2010	Introduction to Project Management	4.5
RMGT2001	Enterprise Risk Management	4.5
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	

One course from LEAD, PSCI, PSYC or SOC	
A&S Electives	9
Two courses with an EASC attribute, one at 3000 level or higher.	
<b>Free Electives #</b>	
22.5 credits selected from 1000-4999 numbered offerings within the university.	22.5
<b>Total Credits</b>	<b>183.25</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Fashion Merchandising & Retailing - BS

The Fashion Merchandising & Retailing bachelor's degree program prepares students for careers in a variety of marketing, managerial and executive opportunities. Students learn fashion and retail concepts in areas such as merchandise buying, visual merchandising and fashion marketing.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values related to global fashion markets and designer contributions.
- Communicate effectively to diverse audiences, purposes and situations through a variety of professional methods as required in Fashion Merchandising and Retailing.
- Use decision-support tools to resolve contemporary business issues using ethical business practices.
- Apply creative and advanced analytical competencies necessary for careers in fashion merchandising and retail marketing.
- Identify, analyze and forecast future industry trends in the acquisition of products and manufacturing of consumer goods.

As part of the program, students are offered the opportunity to develop expertise in merchandise buying, fashion marketing and visual merchandising. Additionally, students may apply these skills in programs such as directed experiential education, internships, summer work or study abroad programs. These programs are tailored based on the student's learning, interests and professional goals. Students may also meet with faculty advisers to select a specific career focus.

Upon graduation, students are prepared for fashion and retail entry-level positions including retail sales management and fashion showroom management, executive store manager-in-training, merchandise buyer, visual merchandiser, fashion marketing, fashion forecaster, fashion blogger, fashion promotion and textiles.

## Fashion Merchandising & Retailing

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

Business Foundations		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Major Courses		
RTL1005	Retailing	4.5
RTL1010	Textiles	4.5
RTL1020	The Business of Fashion	4.5
RTL2063	Retail Industry Seminar	4.5
RTL2095	Fashion and Retail Lab	4.5
RTL3020	Merchandise Mathematics	4.5
RTL3030	Cases in Fashion and Retail	4.5
RTL4010	Retail Executive Decision Making	4.5
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
or PHIL3020	Crisis and Controversy: A Critical Thinking Approach	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	

One course from LEAD, PSCI, PSYC or SOC

A&S Electives	9
Two courses with an EASC attribute, at least one at 3000 level or higher.	
<b>Free Electives</b> #	
49.5 credits selected from 1000-4999 numbered offerings within the university.	49.5
<b>Total Credits</b>	<b>183.25</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Finance - BS

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 a grade point average of at least 2.75 may also have the opportunity to participate in a Finance internship to gain experiential education by completing a work experience in their area of interest. 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

<b>Business Foundations</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
<b>Major Courses</b>		
ACCT2021	Intermediate Accounting I	4.5
ACCT2022	Intermediate Accounting II	4.5
ECON1001	Macroeconomics	4.5
FISV2012	Introduction to Financial Institutions	4.5
FISV3001	Investments	4.5
FISV3005	International Finance	4.5
FISV3040	Money and Capital Markets	4.5
FISV3080	Financial Statement Analysis	4.5
FISV4020	Risk Management and Insurance	4.5
FISV4025	Corporate Finance	4.5
FISV4080	Finance Seminar	4.5
FIT1013	Excel for Accounting & Finance	2.25
<b>Major Electives</b>		
Choose 18 credits of the following:		18
FISV3015	Fundamentals of Financial Planning	
FISV4010	Bank Management	
FISV4030	Real Estate	
FISV4040	Futures and Options	
FISV4050	Portfolio Management and Analysis	
FISV4060	Fixed Income Analysis	
FISV4070	Series 7 Securities	
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	

One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1035	Quantitative Analysis I (or higher, based on student's placement) *	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1002	Microeconomics	
One course from LEAD, PSCL, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Free Electives #</b>		
13.5 credits selected from 1000-4999 numbered offerings within the university.		13.5
<b>Total Credits</b>		<b>181.0</b>

\* Students that do not place in MATH1035 Quantitative Analysis I will need to take an extra course, MATH1020 Fundamentals of Algebra, as prerequisite. If needed this will count as an A&S elective.

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.



## Finance - MS

The Master of Science in Finance degree program prepares students for career advancement in a variety of managerial and professional positions in a wide range of firms. As a result of the changes in the field of finance and the increasing complexity in the market, the modern analyst needs much more extensive training in finance than at any time in the recent past. This program provides students with the knowledge they need to apply complex financial technology for value creation in an ethical manner. The program provides two different tracks supported by elective courses for those wishing to seek certification as either a Certified Financial Planner(R) or a Chartered Financial Analyst.

Upon completion of the program, graduates are expected to:

- Apply knowledge of financial theories and practices to solve organizational and consumer economic challenges.
- Apply appropriate quantitative and qualitative methods to solve financial problems.
- Demonstrate effective oral and written communication skills as a foundation for lifelong learning.
- Critique and interpret financial data to assess and improve entity performance within a moral and ethical framework.

### Finance

Master of Science (M.S.)

Foundation Courses		
ECON5000	Economics in the Global Economy	4.5
FISV5000	Corporate Financial Accounting	4.5
Major Courses		
FISV5410	Personal Financial Planning	4.5
FISV5526	Financial Reporting and Control	4.5
FISV5600	Financial Management	4.5
FISV6056	Fundamentals of Investment and Portfolio Management	4.5
MATH5100	Statistical Methods	4.5
Elective Courses		
Choose five of the following: #		22.5
ACCT6410	Income Tax Planning *	
FISV5420	Estate Planning *	
FISV5430	Principles of Risk and Insurance *	
FISV5440	Retirement Planning *	
FISV6050	Strategic Financial Planning **	
FISV6060	Managing Capital Markets	
FISV6410	Equity Analysis **	
FISV6420	Bond Market Analysis **	
FISV6430	Applied Behavioral Finance	
FISV6440	Alternative Investments	
FISV6450	Derivatives and Risk Management **	
FISV6480	Capstone for Certified Financial Planners *	
FISV6490	Institutional Portfolio Management **	
<b>Total Credits</b>		<b>45.0-54.0</b>

# Students can take any of the electives to earn the MS Finance degree.

\* Students wishing to qualify to CFP designation must take these electives (licensing not part of the MS Finance program).

\*\* Students wishing to qualify for the CFA designation are highly recommended to take these electives (licensing not part of the MS Finance program).

# Food Service Entrepreneurship - BS

The Food Service Entrepreneurship bachelor's degree program provides Baking & Pastry Arts or Culinary Arts associate degree program graduates with the business skills necessary to open their own businesses and/or work in a management capacity at a food-related small business.

Upon completion of the program, graduates are expected to:

- Exhibit oral and written communication competencies in the development of a viable business plan.
- Apply logic and critical thinking to the basic qualitative and quantitative analysis of small business development and sustainability.
- Identify the various types of capital funding sources for start-up and existing businesses.

Graduates receive training from an integrated mix of custom entrepreneurial courses and traditional management, accounting, finance and marketing classes to build the necessary business knowledge base to capitalize on their culinary/baking and pastry skills in their career pursuits. Opportunities also exist for students to study abroad. The university's faculty advising system helps guide and facilitate student choices.

At the Providence Campus, the Larry Friedman International Center for Entrepreneurship offers students most of the resources necessary to bring their business ideas to reality with technological, administrative and professional assistance. At the Charlotte Campus, students make use of the on-campus Student Innovation Lab and participate in activities offered by accelerator programs and other local entrepreneurial organizations.

Graduates are better prepared to both operate their own business and act as a proponent of intrapreneurship within existing organizations. An integrated mix of custom entrepreneurial courses, traditional management and marketing classes and extensive experiential opportunities (inside and outside of required classes) prepares students for their careers as business starters and/or corporate intrapreneurs in an extensive variety of industries. Typically students enter in these varied career paths as junior managers-in-training for more responsible management positions.

## Food Service Entrepreneurship

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:	96
in Baking & Pastry Arts ( <a href="http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-as">http://catalog.jwu.edu/programsofstudy/culinary/baking-pastry-arts-as</a> )	
OR	
in Culinary Arts ( <a href="http://catalog.jwu.edu/programsofstudy/culinary/culinary-arts-as">http://catalog.jwu.edu/programsofstudy/culinary/culinary-arts-as</a> )	
Third and fourth years:	
<b>Major Courses</b>	
ECON1001	Macroeconomics 4.5
ENR1001	Introduction to Entrepreneurship 4.5
ENR2030	The Business Plan 4.5
ENR2040	Financing the Entrepreneurial Venture 4.5
ENR3025	Growth and Sustainability for Small Business 4.5
or ENR4010	Change and Innovation Management 4.5
MGMT1001	Contemporary Business Management I 4.5
MRKT1001	Principles of Marketing 4.5
<b>Related Professional Studies</b>	
ACCT2001	Business Accounting I 4.5
ACCT2002	Business Accounting II 4.5
CAR0010	Career Capstone 1
ACCT4012	Taxes and Business Decisions 4.5
FIT1000	Information Technology for Business Professionals 4.5
FIT1040	Spreadsheet Design for Business Solutions 4.5
LAW2001	The Legal Environment of Business I 4.5
<b>A&amp;S Core Experience</b>	
Integrative Learning 9	
Two ILS courses, one at the 2000 level, and one at the 4000 level.	
Arts and Humanities 9	
PHIL3040	Ethics of Business Leadership
One course from ART, HIST, HUM, LIT or REL	
Mathematics 4.5	
MATH2001	Statistics
Social Sciences 9	
ECON1002	Microeconomics
One course from LEAD, PSCI, PSYC or SOC	

A&S Elective	4.5
One course with an EASC attribute, at 3000 level or higher.	
<b>Total Credits</b>	<b>95.5</b>
<b>Four-Year Credit Total</b>	<b>191.5</b>

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Hotel & Lodging Management - BS

The Hotel & Lodging Management bachelor's degree program focuses on best industry leadership practices for both global operations and strategic management excellence in hotels and related management companies. Activities may relate to commercial overnight accommodations of all types including, but not limited to, hotels, resorts and such specialized lodging properties as boutique hotels, country inns and bed-and-breakfasts.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the hotel and lodging industry to address industry problems both locally and globally.
- Communicate professionally in all aspects of the hotel and lodging industry.
- Use decision-support tools to solve problems and facilitate organizational processes within the hotel and lodging industry environment.
- Maximize resources to promote sustainable operations through ethically responsible decision making.
- Perform effectively as a global manager in the multinational hospitality industry.
- Apply financial reasoning and performance analysis to evaluate issues in the hotel environment.

This degree program prepares graduates for employment in operational service management and professional staff positions as well as such higher-level positions, ultimately, as general managers and corporate leadership at the regional, national and international levels. Possible career tracks include front-of-the-house management, sustainable environmental management, revenue management, asset management, marketing and brand management, international property development, and food and beverage management. Affiliated activities consist of concierge services, sales and guest service, meeting and event planning, spa/resort and vacation ownership, residential living, consulting, and human resource management within hospitality industry properties.

As part of the program, all students complete a mandatory internship as well as an international cultural experience.

## Hotel & Lodging Management

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

Business Foundations		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Major Courses		
FSM2065	Food and Beverage in the Hospitality Industry	4.5
FSM2180	Hotel Food and Beverage Operations Control	4.5
or FSM2080	Food Service Operations	
HOSP1001	Orientation to the Hospitality Industry	4.5
HOSP1015	Managing the Hotel Guest Experience	4.5
HOSP2011	Hospitality Sales and Meeting Management	4.5
HOSP3005	Leading Service Excellence in the Hospitality Industry	4.5
HOSP3012	Sustainable Hotel Support Operations	4.5
HOSP3075	Hotel Strategic Marketing and Brand Management	4.5
HOSP3077	Revenue Management	4.5
HOSP3085	International Hotel Operations, Development and Management	4.5
HOSP3099	Hotel Internship	13.5
HOSP4040	Hotel Asset Management	4.5
HOSP4060	Hospitality Strategy Design and Execution Seminar	4.5
SEE3850	Negotiations and Agreements in Hospitality, Sports, Entertainment and Event Management	4.5
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9

Two ILS courses, one at the 2000 level, and one at the 4000 level		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSCI, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Elective #		
13.5 credits selected from 1000-4999 numbered offerings within the university.		13.5
<b>Total Credits</b>		<b>183.25</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Human Resource Management - BSBA

The Bachelor of Science in Business Administration (B.S.B.A.) Human Resource Management 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 course work in human resource management or business administration.

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).

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.

## Human Resource Management

A four-year program leading to a bachelor of science in business administration degree

### Business Foundations

ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5

### Degree Courses

ECON1002	Microeconomics	4.5
MGMT1002	Contemporary Business Management II	4.5
MGMT2020	Organizational Behavior	4.5
MGMT2030	Operations and Supply Chain Management I	4.5
MGMT4020	Strategic Management	4.5
MGMT4030	Senior Business Capstone	4.5

### Major Courses

LAW3065	Employment Law	4.5
MGMT3005	Workforce Planning and Deployment	4.5
MGMT3015	Labor Relations	4.5
MGMT3050	Compensation, Benefits and Total Rewards	4.5
MGMT3060	Training and Development	4.5
MGMT3070	Special Topics in Human Resource Management	4.5
MGMT4070	Strategic Human Resource Management	4.5
RMGT2001	Enterprise Risk Management	4.5

### A&S Core Experience

Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSYC, or SOC		
A&S Electives		9

Two courses with an EASC attribute, one at 3000 level or higher.

### Free Electives #

22.5 credits selected from 1000-4999 numbered offerings within the university. 22.5

**Total Credits** **183.25**

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Human Resource Management - MS

The Master of Science in Human Resource Management degree program prepares students for careers in a variety of managerial and professional positions for a wide range of human resource firms. This program provides graduates with a broad base of knowledge to meet the ever-shifting role of human resource departments as they transition from a singular focus on the administrative functions of an operation's workforce to employee development, business leadership and strategic planning. The M.S. in Human Resource Management directly aligns with industry-relevant guidelines as determined by both the Society for Human Resource Management (SHRM) and the Human Resource Certification Institute (HRCI).

Upon completion of the program, graduates are expected to:

- Apply the models and theories of Human Resource Management at both the strategic and operational levels to improve overall organizational competitiveness.
- Synthesize business competencies to align the human resource functions to support the organization competitiveness and strategic initiatives.
- Develop strategies for an internal environment of diversity and inclusion that recognizes the global environment in which the organization operates.
- Apply professional standards and practices for ethical conduct, legal requirements, and regulatory guidelines in the administration of human resource policies and procedures.

In addition, as part of the program, students will extend their expertise in the following concepts: human resource development and succession planning; strategic compensation and benefits; strategic recruitment, selection and planning; change management; organizational behavior and strategic human resource management.

## Human Resource Management

Master of Science (M.S.)

### Major Courses

HRM5010	Human Resource Management	4.5
HRM5020	Labor and Employee Relations	4.5
HRM5030	Strategic Compensation and Benefits	4.5
HRM5040	Organizational Training and Development	4.5
HRM5050	Strategic Recruiting, Retention and Succession	4.5
HRM5060	Human Resources in a Global Environment	4.5
HRM6010	Advanced Organizational Behavior	4.5
HRM6020	Human Resource Metrics and Statistical Research	4.5
HRM6030	Organizational Change Management	4.5
HRM6800	Human Resource Management Capstone	4.5
<b>Total Credits</b>		<b>45.0</b>

# International Business - BSBA

The Bachelor of Science in Business Administration (B.S.B.A.) in International Business degree program allows students to develop a thorough understanding of the multifaceted global business environment.

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.
- Demonstrate the value of cultural awareness, cultural sensitivity and diversity in a global business environment through context appropriate communication and decision-making.
- Synthesize the global dynamics of the social, political, cultural and legal environments to make appropriate strategic recommendations.

Courses provide a distinct emphasis on global aspects as students are challenged to demonstrate business skills desired by employers. Students have the opportunity to participate in internships, study abroad experiences, summer work abroad experiences and language immersion programs. Students should plan their electives to create a meaningful, customized career path; these selections are facilitated by the university's faculty advising system.

International Business graduates are prepared for entry-level management positions with firms in a variety of industries operating in the global environment.

## International Business

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

<b>Business Foundations</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
<b>Degree Courses</b>		
ECON1002	Microeconomics	4.5
MGMT1002	Contemporary Business Management II	4.5
MGMT2020	Organizational Behavior	4.5
MGMT2030	Operations and Supply Chain Management I	4.5
MGMT4020	Strategic Management	4.5
MGMT4030	Senior Business Capstone	4.5
<b>Major Courses</b>		
IBUS2002	International Business	4.5
IBUS2040	International Culture and Protocol	4.5
IBUS3055	International Resource Management	4.5
LAW3055	International Business Law	4.5
MGMT3030 or FISV3005	Managerial Technology International Finance	4.5
<b>Major Electives</b>		
HUM3020	Language & Cultural Immersion	13.5
OR		
Choose three of the following:		
IBUS2031	Foreign Area Studies: China	
IBUS2032	Foreign Area Studies: Pacific Rim	
IBUS2033	Foreign Area Studies: Latin America	
IBUS2034	Foreign Area Studies: Russia	
IBUS2035	Foreign Area Studies: Eastern Europe	
IBUS2036	Foreign Area Studies: Africa	
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		

Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSCI, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, one at 3000 level or higher.		
<b>Free Electives #</b>		
22.5 credits selected from 1000-4999 numbered offerings within the university.		22.5
<b>Total Credits</b>		<b>183.25</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.



# Management - BS

The Management bachelor's degree program prepares students for careers in a variety of managerial and professional positions within a wide range of firms. Students learn general management concepts as well as various functional specialties in fields such as human resources, operations, finance, accounting and marketing.

Upon completion of the program, graduates are expected to:

- Demonstrate business and financial analysis skills.
- Effectively communicate within the contemporary business environment.
- Identify and analyze ethical issues confronting business professionals.
- Identify and analyze dynamic global business forces.
- Demonstrate tactical and strategic planning.

As part of the program, students are offered the opportunity to develop expertise in the following concepts: business planning, SWOT analysis and strategic planning, business process analysis, development of human capital, financial literacy, information technology, and operations and quality management.

Students may apply these skills in internships and study abroad programs. These programs are tailored based on student learning and professional goals, jointly designed in collaboration with students, faculty advisors and business partners. Students also meet with faculty advisors to determine a career focus that best suits their desired professional objectives.

Graduates are prepared for professional management positions in disciplines such as operations, human resources, finance and information technology. Graduates may seek careers in for-profit, nonprofit and government settings.

## Management

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

Business Foundations		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Degree Courses		
ECON1002	Microeconomics	4.5
LAW3002	The Legal Environment of Business II	4.5
LEAD1010	Foundations of Leadership Studies	4.5
MGMT2020	Organizational Behavior	4.5
MGMT2030	Operations and Supply Chain Management I	4.5
MGMT3030	Managerial Technology	4.5
MGMT3040	Process and Quality Management	4.5
MGMT4020	Strategic Management	4.5
MGMT4030	Senior Business Capstone	4.5
Major Electives		
Choose one of the following:		13.5
3 Human Resource Management Courses		
MGMT3050	Compensation, Benefits and Total Rewards	
MGMT3060	Training and Development	
MGMT3070	Special Topics in Human Resource Management	
MGMT4070	Strategic Human Resource Management	
OR		
3 Operations Management Courses		
MGMT2040	Purchasing and Supply Chain Management	
MGMT4001	Process Planning and Control	
MGMT4050	Contemporary Issues in Operations and Supply Chain Management Strategy	
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9

PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSCI, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Free Electives #</b>		
31.5 credits selected from 1000-4999 numbered offerings within the university.		31.5
<b>Total Credits</b>		<b>183.25</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Marketing - BS

The Marketing bachelor's degree program prepares students for careers in a variety of managerial and professional positions in the marketing industry. Students learn general marketing concepts and various functional specialties in fields such as digital marketing and research, brand strategy, and creative strategy.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of marketing 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.

As part of the program, students are offered the opportunity to develop expertise in consumer behavior, marketing analysis, strategic marketing, marketing communications, brand marketing and design, professional selling, international marketing, and marketing technologies such as data-driven marketing, digital media planning and search engine marketing.

Students may apply these skills in programs such as directed experiential education, internships, and summer work or study abroad programs. These programs are tailored based on student learning and interests, and professional goals, designed jointly in collaboration with students, faculty advisors and business partners. Students also meet with faculty advisors to determine a career focus that best suits their desired professional objectives.

Our graduates are employed in professional marketing positions in disciplines such as product development, digital marketing, sales management, consumer insights, social media marketing, brand management and marketing analytics. Graduates may seek careers in for-profit, nonprofit and government settings.

## Marketing

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

<b>Business Foundations</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
<b>Major Courses</b>		
ADVC1010	Marketing Communications	4.5
MRKT1002	Consumer Behavior	4.5
MRKT2050	Marketing Research	4.5
MRKT3005	Brand Marketing	4.5
MRKT3045	Social Media Marketing	4.5
or ADVC2001	Creative Concepts and Strategy	
or DME3050	Basics of Print Design	
MRKT3050	Techniques in Sales Management	4.5
MRKT4030	International Marketing	4.5
MRKT4055	Strategic Marketing	4.5
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
or PHIL3020	Crisis and Controversy: A Critical Thinking Approach	
One course from ART, HIST, HUM, LIT, or REL		

Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSCI, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Free Electives #</b>		
49.5 credits selected from 1000-4999 numbered offerings within the university.		49.5
<b>Total Credits</b>		<b>183.25</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

## MBA - MBA

Johnson & Wales University's MBA 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 (MBA)

#### Foundation Courses

ECON5000	Economics in the Global Economy	4.5
FISV5000	Corporate Financial Accounting	4.5

#### Core Courses

FISV5600	Financial Management	4.5
FISV5526	Financial Reporting and Control	4.5
IBUS5511	Global Economic Environments	4.5
MGMT5500	Business Information and Decision-Making	4.5
MGMT5575	Operations Management	4.5
MGMT5800	Effective Leadership	4.5
MGMT5900	Ethics, Corporate Social Responsibility and Law	4.5
MRKT5500	Strategic Marketing	4.5

#### Elective Courses

Choose three of the following:		13.5
FISV6020	Tax Planning for the Financial Manager	
FISV6050	Strategic Financial Planning	
FISV6056	Fundamentals of Investment and Portfolio Management	
FISV6060	Managing Capital Markets	
GRAD6800	Graduate Internship	
GRAD6041	Graduate Special Topics	
IBUS6020	International Business Negotiations	
IBUS6026	Emerging Economies	
MGMT6000	The Leader as Coach	
MGMT6030	Entrepreneurship	
MGMT6050	Labor Relations	
MGMT6056	Contemporary Leadership Issues and Strategies	
MGMT6075	International and Comparative Employment Law	
MGMT6123	Contemporary Human Resource Issues and Strategies	
MGMT6810	Graduate Seminar in Strategic Management	
MRKT6010	Advertising and Promotional Strategies	
MRKT6030	Marketing Research	
MRKT6035	Brand Management	
MRKT6543	Social Media & Internet Marketing	

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	4.5
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**Total Credits** **54.0-63.0**

# MBA - Accounting Concentration - MBA

## Accounting Concentration

The MBA 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 will learn executive business competencies, professional leadership, and strategic and creative thinking skills that will help them ethically solve problems that occur in the global business environment in culturally sensitive ways.

This program is designed to meet the 150 hours of advanced study requirement that candidates must satisfy to take the Uniform CPA Examination.

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 (MBA)

#### Prerequisite Courses \* , \*\*

ACCT2021	Intermediate Accounting I **	4.5
ACCT2022	Intermediate Accounting II	4.5
ACCT2023	Intermediate Accounting III	4.5
ACCT3011	Federal Taxes I	4.5
ACCT3040	Auditing	4.5
ACCT3050	Advanced Accounting	4.5
LAW3010	Business Law for Accountants ***	4.5

#### Foundation Courses

ECON5000	Economics in the Global Economy	4.5
FISV5000	Corporate Financial Accounting	4.5

#### Core Courses

IBUS5511	Global Economic Environments	4.5
MGMT5500	Business Information and Decision-Making	4.5
MGMT5575	Operations Management	4.5
MGMT5800	Effective Leadership	4.5
MGMT5900	Ethics, Corporate Social Responsibility and Law	4.5
MRKT5500	Strategic Marketing	4.5

#### Accounting Courses

ACCT6001	Accounting Theory	4.5
ACCT6003	Advanced Auditing	4.5
ACCT6020	Individual Taxation	4.5
ACCT6021	Corporate Taxation	4.5
LAW6000	Law for Accountants	4.5

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	4.5
<b>Total Credits</b>		<b>54.0-94.5</b>
*	Courses offered through the undergraduate College of Management 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 ACCT2021 Intermediate Accounting I, when students must have completed FISV5000 Corporate Financial Accounting or ACCT1210 Financial Accounting.	
***	Prior to enrolling in LAW3010, Business Law for Accountants, students must have completed LAW2001 The Legal Environment of Business I.	

# MBA - Hospitality Concentration - MBA

## Hospitality Concentration

Johnson & Wales University is the largest educator 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 MBA with a 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.
- Create, introduce, and evaluate a customer relationship management system in the Hospitality Industry including multi-media and intrapersonal communication in complex multi-national environments.
- Create, design, implement and evaluate a business/ consumer event from a broad functional perspective.

Graduates will learn executive business competencies, professional leadership, and strategic and creative thinking skills that will help them ethically solve problems that occur 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 (MBA)

#### Foundation Courses

ECON5000	Economics in the Global Economy	4.5
FISV5000	Corporate Financial Accounting	4.5

#### Core Courses

FISV5526	Financial Reporting and Control	4.5
FISV5600	Financial Management	4.5
MGMT5500	Business Information and Decision-Making	4.5
MGMT5575	Operations Management	4.5
MGMT5800	Effective Leadership	4.5
MGMT5900	Ethics, Corporate Social Responsibility and Law	4.5
MRKT5500	Strategic Marketing	4.5

#### Hospitality Courses

HOSP6509	Hospitality and Tourism Global Issues	4.5
Choose three of the following:		13.5
EVNT6000	Event Leadership and Planning	
EVNT6020	Event Operations and Risk Management	
HOSP6030	Franchising and Licensing	
HOSP6526	Information Technology in Hospitality and Tourism	

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	4.5
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**Total Credits** **54.0-63.0**

# MBA - Information Technology

## Concentration - MBA

The MBA in Information Technology is designed to assist IT professionals in advancing their careers by providing a solid foundation of graduate-level business courses to complement their IT experience and coursework. 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.
- Apply technological, innovative, and strategic approaches to information management to support business goals and strategy.

Graduates will learn executive business competencies, professional leadership, and strategic and creative thinking skills that will help them ethically solve problems that occur in the global business environment in culturally sensitive ways.

This program allows IT 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 will allow successful graduates to excel at both leading and doing. In this challenging employment environment, IT 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 - Information Technology Concentration

### Master of Business Administration (MBA)

#### Foundation Courses

ECON5000	Economics in the Global Economy	4.5
FISV5000	Corporate Financial Accounting	4.5

#### Core Courses

FISV5600	Financial Management	4.5
FISV5526	Financial Reporting and Control	4.5
IBUS5511	Global Economic Environments	4.5
MGMT5500	Business Information and Decision-Making	4.5
MGMT5800	Effective Leadership	4.5
MGMT5900	Ethics, Corporate Social Responsibility and Law	4.5
MRKT5500	Strategic Marketing	4.5

#### Information Technology Courses

ITEC6514	Decision Support Systems	4.5
ITEC6524	Enterprise Data Management	4.5
ITEC6534	Strategic Management of Information Technology	4.5
ITEC6544	Current Trends and Issues in Information Technology	4.5

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	4.5
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<b>Total Credits</b>		<b>54.0-63.0</b>
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# MBA One Year Program - MBA

The one-year delivery of the MBA program is designed to be an intensive program of study which will allow a student to complete all requirements in 12 months beginning in June.

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 will learn executive business competencies, professional leadership, and strategic and creative thinking skills that will help them ethically solve problems that occur in the global business environment in culturally sensitive ways.

All courses are offered during the day at the Harborside Campus. The cohort model is used and admission is in June only. Students with minimal work experience and a desire to complete the program quickly are prime candidates. Students are expected to have completed all foundation courses before the start of classes. Students will be given the opportunity to gain important work setting experience through the development of an action research project.

The one-year program is identical to the traditional program except that courses are pre-determined and students pursue the program as a cohort.

## Master of Business Administration - One Year Program

### Master of Business Administration (MBA)

#### Foundation Courses

ECON5000	Economics in the Global Economy	4.5
FISV5000	Corporate Financial Accounting	4.5

#### Core Courses

FISV5600	Financial Management	4.5
FISV5526	Financial Reporting and Control	4.5
IBUS5511	Global Economic Environments	4.5
MGMT5500	Business Information and Decision-Making	4.5
MGMT5575	Operations Management	4.5
MGMT5800	Effective Leadership	4.5
MGMT5900	Ethics, Corporate Social Responsibility and Law	4.5
MRKT5500	Strategic Marketing	4.5

#### Elective Courses

FISV6050	Strategic Financial Planning	4.5
MGMT6056	Contemporary Leadership Issues and Strategies	4.5
MGMT6123	Contemporary Human Resource Issues and Strategies	4.5

#### Career Capstone Course

MGMT6800	Business Policy and Strategy	4.5
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<b>Total Credits</b>		<b>54.0-63.0</b>
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# Operations and Supply Chain Management - BSBA

The Bachelor of Science in Business Administration (B.S.B.A.) in Operations and Supply Chain Management degree program prepares students for careers within a variety of fields. Students study business operations and continuity, logistics, process improvement and other necessary skills for today's businesses. Students are prepared to assume entry-level and mid-level positions and advanced course work within 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

<b>Business Foundations</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
<b>Degree Courses</b>		
ECON1002	Microeconomics	4.5
MGMT1002	Contemporary Business Management II	4.5
MGMT2020	Organizational Behavior	4.5
MGMT2030	Operations and Supply Chain Management I	4.5
MGMT4020	Strategic Management	4.5
MGMT4030	Senior Business Capstone	4.5
<b>Major Courses</b>		
MATH1035	Quantitative Analysis I	4.5
MGMT3030	Managerial Technology	4.5
MGMT3035	Operations and Supply Chain Management II	4.5
MGMT3040	Process and Quality Management	4.5
MGMT3045	Logistics	4.5
or MGMT3055 Procurement		
MGMT4001	Process Planning and Control	4.5
MGMT4050	Contemporary Issues in Operations and Supply Chain Management Strategy	4.5
RMGT2001	Enterprise Risk Management	4.5
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSCL, PSYC or SOC		

A&S Electives	9
Two courses with an EASC attribute, one at 3000 level or higher.	
<b>Free Electives #</b>	
22.5 credits selected from 1000-4999 numbered offerings within the university.	22.5
<b>Total Credits</b>	<b>183.25</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Organizational Risk and Cyber Security Management - BSBA

The Bachelor of Science in Business Administration (B.S.B.A.) in Organizational Risk and Cyber Security Management degree program is designed to provide graduates with strong management and risk management foundations in this rapidly growing field. The demand for professionals competent in risk assessment and mitigation is driven by activities that disrupt normal operations, including fraud, information theft, computer hacking, workplace violence, terrorism and economic crime.

This program teaches organizational risk management as a necessary component of daily business operations. Students learn about the latest issues and concerns within the field while completing course work in risk, business management, cyber security, law, accounting and human resource management.

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.
- Develop plans for risk recovery including communication protocols to react to natural disasters, foreign and domestic terrorism, cyber security breaches, and internal and external threats.
- Analyze events, assess organizational readiness and develop counter-measures to maintain business continuity.

## Organizational Risk and Cyber Security Management

A four year program leading to the bachelor of science in business administration degree

Business Foundations		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Degree Courses		
ECON1002	Microeconomics	4.5
MGMT1002	Contemporary Business Management II	4.5
MGMT2020	Organizational Behavior	4.5
MGMT2030	Operations and Supply Chain Management I	4.5
MGMT4020	Strategic Management	4.5
MGMT4030	Senior Business Capstone	4.5
Major Courses		
ACCT3080	Fraud Examination: Theory and Practice	4.5
ITEC1020	Introduction to Data Communications	4.5
ITEC3050	Information Security	4.5
LAW3025	Criminal Law	4.5
LAW3080	Cyberlaw	4.5
or CJS3820	Cyber Crimes	
RMGT2001	Enterprise Risk Management	4.5
RMGT3001	Emergency Planning and Business Continuity	4.5
RMGT4010	Risk Analysis and Loss Prevention	4.5
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, and one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT, or REL		
Mathematics		9
MATH1020	Fundamentals of Algebra (or higher, based on student's placement)	
MATH2001	Statistics	

Science	4.5
One course from BIO, CHM, PHY or SCI	
Social Sciences	9
ECON1001	Macroeconomics
One course from LEAD, PSCI, PSYC or SOC	
A&S Electives	9
Two courses with an EASC attribute, one at 3000 level or higher.	
<b>Free Electives</b> #	
22.5 credits selected from 1000-4999 numbered offerings within the university.	
<b>Total Credits</b>	<b>183.25</b>

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Pre-MBA Business/Commerce Major - NONDEG

The Pre-MBA 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-MBA schedule of undergraduate courses, to equate their education to a four-year U.S. bachelor's degree while fulfilling MBA program prerequisites.

Students successfully completing the Pre-MBA program with a grade point average (GPA) of 3.0 on a scale of 4.0 will enroll directly into their selected MBA program.

## Eligibility

**The Pre-MBA program is offered only at the Providence Campus.**

Applicants to the Pre-MBA program must hold a three-year degree from a recognized undergraduate-level institution with a minimum cumulative grade point average (GPA) of at least 3.0 on a 4.0 scale.

Students with three-year degrees may qualify for the direct entry into the MBA program if they can demonstrate the completion of three full years of degree-related work experience after earning the university degree.

Students may also qualify for direct entry if they graduated from a school with a rating of A or better from the National Accreditation Association Council.

Candidates must successfully complete the English as a Second Language program if they do not submit a passing score on the language proficiency test as stated under the English Proficiency Requirement (p. 195) section.

## Application Procedure

Please refer to the International Admissions Requirements (p. 194) section.

Please note: Students accepted to the Pre-MBA program cannot transfer to the MBA program without first completing all Pre-MBA program requirements.

## Scholarships

Students who successfully complete the Pre-MBA program with the required minimum 3.0 GPA needed to enter the MBA program will receive a nonrenewable \$2,000 MBA scholarship awarded over the length of the program.

## 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 College of Management and the College of Arts & Sciences.

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-MBA students will be done through Student Academic Services in the Student Services Center, located on the Downcity Campus.

Pre-MBA course descriptions are listed in the undergraduate catalog, which is available online (<http://catalog.jwu.edu>).

## Pre-MBA Program

This program requires that a minimum of 10 undergraduate courses be taken by the student at Johnson & Wales University. Substitutions for higher courses or electives within 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.

## Pre-MBA for Graduates from a Business/Commerce Major

Non-Degree

Economics		
ECON1002	Microeconomics	4.5
Or higher, such as		
ECON3070	Contemporary Economic Issues	
English		
ENG1020	English Composition	4.5
ENG1021	Advanced Composition and Communication *	4.5

or ENG2010		Technical Writing	
Law			
LAW2001	The Legal Environment of Business I		4.5
Or higher, such as			
LAW3002 or LAW3055	The Legal Environment of Business II International Business Law		
Marketing			
Choose one of the following:			4.5
MRKT1001	Principles of Marketing *		
MRKT3045	Social Media Marketing		
Math			
MATH2001	Statistics * +		4.5
Business Administration			
Choose one of the following business courses:			4.5
MGMT1001	Contemporary Business Management I *		
MGMT2020	Organizational Behavior		
MGMT2030	Operations and Supply Chain Management I		
MGMT2001	Human Resource Management		
Humanities			
Choose one of the following:			4.5
PHIL3020	Crisis and Controversy: A Critical Thinking Approach		
PHIL3040	Ethics of Business Leadership		
History	One HIST-designated course		
Literature	One LIT designated course		
Social Sciences: Psychology, Sociology or Political Science			
SOC1001	Sociology I		4.5
Leadership			
LEAD1010	Foundations of Leadership Studies		4.5
<b>Total Credits</b>			<b>45.0</b>

- \*

Denotes specific subject requirements for entry into an MBA program; students who have fulfilled the primary requirement may take one of the other courses listed. Ten total courses, minimum, must be taken.
- +

Requires College Math as prerequisite.

## Pre-MBA Non Business Major - NONDEG

The Pre-MBA 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-MBA schedule of undergraduate courses, to equate their education to a four-year U.S. bachelor's degree while fulfilling MBA program prerequisites.

Students successfully completing the Pre-MBA program with a grade point average (GPA) of 3.0 on a scale of 4.0 will enroll directly into their selected MBA program.

### Eligibility

**The Pre-MBA program is offered only at the Providence Campus.**

Applicants to the Pre-MBA program must hold a three-year degree from a recognized undergraduate-level institution with a minimum cumulative grade point average (GPA) of at least 3.0 on a 4.0 scale.

Students with three-year degrees may qualify for the direct entry into the MBA program if they can demonstrate the completion of three full years of degree-related work experience after earning the university degree.

Students may also qualify for direct entry if they graduated from a school with a rating of A or better from the National Accreditation Association Council.

Candidates must successfully complete the English as a Second Language program if they do not submit a passing score on the language proficiency test as stated under the English Proficiency Requirement (p. 195) section.

### Application Procedure

Please refer to the International Admissions Requirements (p. 194) section.

Please note: Students accepted to the Pre-MBA program cannot transfer to the MBA program without first completing all Pre-MBA program requirements.

### Scholarships

Students who successfully complete the Pre-MBA program with the required minimum 3.0 GPA needed to enter the MBA program will receive a nonrenewable \$2,000 MBA scholarship awarded over the length of the program.

### 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 College of Management and the College of Arts & Sciences.

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-MBA students will be done through Student Academic Services in the Student Services Center, located on the Downcity Campus.

Pre-MBA course descriptions are listed in the undergraduate catalog, which is available online (<http://catalog.jwu.edu>).

### Pre-MBA Program

This program requires that a minimum of 10 undergraduate courses be taken by the student at Johnson & Wales University. Substitutions for higher courses or electives within 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.

### Pre-MBA for Graduates from a Non-Business/Commerce Major

Non-Degree

<b>Economics</b>		
ECON1002	Microeconomics	4.5
Or higher, such as		
ECON3070	Contemporary Economic Issues	
<b>English</b>		
ENG1020	English Composition	4.5
ENG1021	Advanced Composition and Communication *	4.5
or ENG2010	Technical Writing	

<b>Law</b>		
LAW2001	The Legal Environment of Business I *	4.5
Or higher, such as		
LAW3002	The Legal Environment of Business II	
or LAW3055	International Business Law	
<b>Marketing</b>		
Choose one of the following:		4.5
MRKT1001	Principles of Marketing *	
MRKT3005	Brand Marketing	
<b>Math</b>		
MATH2001	Statistics *+	4.5
<b>Accounting</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
FIT1003	Introduction to Excel	2.25
<b>Business Administration - Management</b>		
MGMT1001	Contemporary Business Management I *	4.5
MGMT2001	Human Resource Management	4.5
<b>Total Credits</b>		<b>47.25</b>

\* Denotes specific subject requirements for entry into an MBA program; students who have fulfilled the primary requirement may take one of the other courses listed. Ten total courses, minimum, must be taken.

+ Requires College Math as prerequisite.

# Restaurant, Food & Beverage Management - BS

The Restaurant, Food & Beverage Management bachelor’s degree program provides a unique combination of culinary skills and hospitality management. The focus is on current restaurant and food service management industry topics. The program also develops proficiency in the area of beverage management. Other areas of study include critical thinking, financial analysis, industry technology, social media, leadership and customer awareness to prepare students for a management career in the food service industry. According to the National Restaurant Association, the food and beverage industry is the largest U.S. employer besides the government.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the restaurant, food and beverage profession to address industry problems both locally and globally.
- Communicate effectively to diverse audiences, purposes and situations in the restaurant and food and beverage operations.
- Use decision-support tools to solve problems and facilitate organizational processes within the food and beverage environment.
- Integrate current industry technologies in all aspects of food and beverage management.
- Attain relevant industry recognized certifications.
- Integrate industry specific knowledge and skills in managing food and beverage operations.

This program includes a unique experience-based rotational internship experience at a Johnson & Wales-owned facility, or at one of JWU’s partner properties.

Value-added certifications within the degree include an industry-recognized responsible alcohol service certification, the national sanitation certification (a graduation requirement), recognized by the Conference for Food Protection and the International School of Mixology Bartending Certificate.

## Restaurant, Food & Beverage Management

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

<b>Business Foundations</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
<b>Major Courses</b>		
CUL1015	Introduction to Culinary Foundations	3
CUL1035	Culinary Fundamentals	3
CUL1115	The Science of Cooking and Sensory Analysis	3
CUL1135	Purchasing, Product Identification & Protein Fabrication	3
CUL1325	Essentials of Dining Service	3
CUL4045	Spirits and Mixology Management	4.5
FSM1001	Introduction to the Food Service Field	4.5
FSM1065	Food Safety and Sanitation Management *	1.5
FSM2005	Technology in the Food and Beverage Industry	2.25
FSM2055	Beverage Appreciation	4.5
FSM2080	Food Service Operations	4.5
or FSM2180	Hotel Food and Beverage Operations Control	
FSM3060	Front of the House Operations Management	4.5
FSM3099	Food Service Management Internship	13.5
FSM4061	Advanced Food Service Operations Management	4.5
FSM4160	Food and Beverage Strategies and Logistics	4.5
FSM4880	Beverage Operations Management	4.5
MRKT3045	Social Media Marketing	4.5
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9

Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
or ECON1002	Microeconomics	
One course from LEAD, PSCL, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Free Elective #</b>		
13.5 credits selected from 1000-4999 numbered offerings within the university.		13.5
<b>Total Credits</b>		<b>184.0</b>

\* 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 credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.



# Sports/Entertainment/Event Management - BS

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 managerial foundation coupled with a solid core of industry-relevant courses provides students with a theoretical background. Coursework is coupled with professional preparation, active learning classrooms and access to industry professionals.

During the first year of this four-year program, students begin taking foundational courses in sports, entertainment and event management. As they progress into more advanced coursework in areas such as media literacy, ticketing methods, venue management, negotiations and agreements, and ancillary services, they also have the option to begin tailoring their degree to best meet their future goals. Opportunities exist to enroll in specialized classes such as professional sports management, weddings and ceremonies, golf operations management, sports and entertainment marketing, tournament management, or concert and event production.

Students also have the option to participate in one or two term-long, off-site internships under the direction of an industry professional. This experience allows students to actively participate in the real-world setting of sales and marketing, venue management, event production, and golf course operations.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the SEE industry by integrating the concepts of marketing, finance, operations and ancillary services in the management of a range of events.
- Communicate effectively to diverse audiences, purposes and situations in a variety of contexts within the SEE 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 SEE industry.
- Apply the principles of management to current issues in the SEE industry.
- Demonstrate leadership skills and adapt them to a diverse global market in the SEE industry.

Graduates of the Sports/Entertainment/Event Management degree program are prepared for a variety of careers with amateur and professional sports teams, entertainment venues, conferences and trade shows, event planners, and production companies. Options 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	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
Major Courses		
SEE1001	Introduction to the Sports, Entertainment and Event Management Industry	4.5
SEE2005	The Business of Sports	4.5
SEE2020	The Business of Event Management	4.5
SEE2030	The Business of the Entertainment Industry	4.5
SEE3008	Ancillary Services and Revenue Management in the Sports, Entertainment and Event Industry	4.5
SEE3010	Ticketing Methods and Data Analysis in Sports, Entertainment and Event Management	4.5
SEE3045	New Media Literacy in Sports, Entertainment and Event Management	4.5
SEE3099	Sports/Entertainment/Event Management Internship	13.5
SEE3160	Sponsorship, Sales and Relationship Management	4.5
SEE3850	Negotiations and Agreements in Hospitality, Sports, Entertainment and Event Management	4.5

SEE4050	International Sports, Entertainment, Event and Venue Management	4.5
SEE4060	Sports/Entertainment/Event Management Seminar	4.5
Major Electives		
Choose two of the following:		9
Sports		
SEE2015	Leadership in Recreation/Leisure Settings	
SEE2040	Outdoor Recreation Planning	
SEE3020	Professional Sports Management	
SEE3030	Athletic Coaching and Administration	
SEE3065	Fundamentals of Fundraising and Philanthropy	
SEE3095	Tournament Management	
SEE3120	Fitness and Wellness Center Management	
SEE4020	Sports and Entertainment Marketing	
Entertainment		
SEE2070	The Gaming Industry	
SEE3015	Managing Gaming Operations	
SEE3060	Concert and Event Production	
SEE3150	Television and Movie Production Management	
Events		
DEE3999	Directed Experiential Education *	
FSM2110	Food and Beverage Operations in the Sports, Entertainment and Event Management Industry	
SEE3170	International Exhibitions & Events	
SEE3041	Special Event Protocol	
SEE3042	Weddings & Ceremonies	
A&S Core Experience		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001	Macroeconomics	
One course from LEAD, PSCI, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
Free Elective #		
13.5 credits selected from 1000-4999 numbered offerings within the university.		13.5
<b>Total Credits</b>		<b>183.25</b>

\* 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).

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

# Tourism & Hospitality Management - BS

The Tourism & Hospitality Management bachelor's degree program provides a broad-based option for students, incorporating the hotel, travel-tourism and food segments of the hospitality industry with special focus given to travel-tourism.

Upon completion of the program, graduates are expected to:

- Apply the major concepts, skills and values of the tourism and hospitality industry.
- Communicate effectively to diverse audiences, purposes and situations in the travel and hospitality industry.
- Use decision-support tools to solve problems and facilitate organizational processes in the travel and hospitality industry.
- Identify, analyze and apply critical thinking using industry trends to enhance the guest experience.
- Produce travel and tourism plans that have the potential to maximize the positive effect of tourism on a destination.

This program places an emphasis on tourism as the glue that holds the industry together, especially in course offerings and the term-long experiential learning program. The highlight of the degree is the Familiarization (FAM) Tour, a class project that includes planning a trip to a domestic or international destination. Students are required to research, budget, plan, promote and implement the tasks of a tour escort and tour guide.

Graduates may be employed in all industry segments due to the program's more generalized curriculum, but the emphasis on travel-tourism provides specific career options in destination marketing organizations such as CVBs and tourism offices, resorts, tour operators, travel industry suppliers such as airlines, cruise lines or ground transportation, and various international operators.

## Tourism & Hospitality Management

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

<b>Business Foundations</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
CAR0010	Career Capstone	1
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
<b>Major Courses</b>		
FSM2065	Food and Beverage in the Hospitality Industry	4.5
HOSP1001	Orientation to the Hospitality Industry	4.5
HOSP1080	Technology in the Tourism/Hospitality Industry	4.5
HOSP2011	Hospitality Sales and Meeting Management	4.5
HOSP3005	Leading Service Excellence in the Hospitality Industry	4.5
MRKT3045	Social Media Marketing	4.5
SEE3850	Negotiations and Agreements in Hospitality, Sports, Entertainment and Event Management	4.5
TRVL2801	World Geography for Tourism and Hospitality	4.5
TRVL3010	Dynamics of Tourism and Sustainability	4.5
TRVL3030	International Policies of Tourism	4.5
TRVL3035	Tour Management Operations *	4.5
TRVL3099	Tourism & Hospitality Internship	13.5
TRVL4011	Destination Management Organization	4.5
TRVL4160	Travel and Tourism Strategic Management Seminar	4.5
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		9
Two ILS courses, one at the 2000 level, one at the 4000 level.		
Arts and Humanities		9
PHIL3040	Ethics of Business Leadership	
One course from ART, HIST, HUM, LIT or REL		
Mathematics		9

MATH1002	A Survey of College Mathematics (or higher, based on student's placement)	
MATH2001	Statistics	
Science		4.5
One course from BIO, CHM, PHY or SCI		
Social Sciences		9
ECON1001 or ECON1002	Macroeconomics Microeconomics	
One course from LEAD, PSCL, PSYC or SOC		
A&S Electives		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Free Electives #</b>		
13.5 credits selected from 1000-4999 numbered offerings within the university.		13.5
<b>Total Credits</b>		<b>183.25</b>
* Continuing Education students should contact their advisor prior to registration for this course.		

# In addition to classes, free elective credit can be applied to a number of options such as Directed Experiential Education (DEE), Internship, Minor or Study Abroad. Students are strongly encouraged to contact an adviser before scheduling free elective credits.

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

## Undeclared - NONDEG

Because some students may be unsure of their major when they enroll at Johnson & Wales University, the Undeclared option allows them to pursue a basic business and general studies program and, in their sophomore year, choose a major from a number of business and hospitality programs. Students who begin their studies in the Undeclared program earn a bachelor of science degree at the end of four years of study.

### Undeclared

All students enrolled in the Undeclared program pursue the following program of study for the first two years. Students must declare a major no later than the fifth term (sophomore year) of study.

<b>Business Foundations</b>		
ACCT1210	Financial Accounting	4.5
ACCT1220	Managerial Accounting	4.5
FISV2000	Finance	4.5
FIT1003	Introduction to Excel	2.25
LAW2001	The Legal Environment of Business I	4.5
MGMT1001	Contemporary Business Management I	4.5
MGMT2001	Human Resource Management	4.5
MRKT1001	Principles of Marketing	4.5
<b>Major Courses</b>		
ECON1002	Microeconomics	4.5
<b>A&amp;S Core Experience</b>		
Communications Foundation Courses		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
Integrative Learning		4.5
One ILS course at the 2000 level		
Arts and Humanities		4.5
PHIL3040	Ethics of Business Leadership	
Mathematics		9
MATH1002	A Survey of College Mathematics (or higher, based on student's placement) *	
MATH2001	Statistics	
Science		4.5
One SCI-designated course		
Social Science		4.5
ECON1001	Macroeconomics	
A&S Elective		4.5
One course with an EASC attribute		
<b>Total Credits</b>		<b>83.25</b>

\* Students considering a major in Accounting, Finance, Business Administration or any BSBA degree should elect MATH1020 (p. 93) Fundamentals of Algebra or higher.

# Physician Assistant Studies - MSPAS

The Physician Assistant Program at Johnson and 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 modules are constructed. In Applied Anatomy, small groups of students dissect cadavers, view dissections 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 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.

Fall and spring courses in Clinical Medicine, Diagnostic Skills and Pharmacotherapeutics are integrated and presented in a modular format. Students work sequentially through each body system module, one at a time, learning the physiology, pathophysiology, 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 module. In weekly small group meetings, they develop the critical thinking skills necessary to synthesize and apply the module content to real patient cases. Seminars in the practice of humanistic medicine will begin a life-long journey as a self-reflective and empathetic, patient-centered healthcare provider.

The second twelve months of the Program commences with a two-week 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. Students then begin the first of their nine clinical rotations. Each rotation is five weeks in length. These rotations will 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 Primary Care 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 Masters 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:

- Work collaboratively as part of the health care team.
- Develop rapport and an atmosphere of trust with patients and families by providing patient centered humanistic care.
- Accurately elicit a medical history and perform an appropriate physical examination based on patient presentation.
- Formulate an appropriate differential diagnosis based on the clinical presentation.
- Appropriately select and interpret common diagnostic studies based on the clinical presentation.

- Diagnose acute and chronic medical, surgical and psychological disorders through the application of scientific medical principles and based on clinical presentation and diagnostic testing results for patients across the lifespan.
- Develop, implement and manage appropriate acute, chronic or ongoing treatment plans including pharmacological and non-pharmacological approaches, surgery, counseling, therapeutic procedures, rehabilitative therapies, or other therapeutic modalities.
- Perform common laboratory studies and clinical procedures.
- Initiate and recommend health promotion and disease prevention measures such as disease screening, risk factor identification and education, diet and nutrition, and immunizations.
- Recommend and provide patient education and counseling for common medical and psychological illnesses, common medical procedures, therapeutic regimens, adherence, and health maintenance.
- Recognize when a problem is beyond the scope of the PA provider and refer the patient to the supervising physician, appropriate specialists, and/or community resources.
- Effectively document medical information in a variety of formats.
- Utilize effective interpersonal skills in written, oral, and electronic forms of communication with patients, families, and other members of the health care team.
- Utilize and apply evidence based medicine principles and skills to guide decision making in clinical practice.
- Demonstrate sensitivity regarding the emotional, cultural and socioeconomic aspects of the patient, the patient's condition, and the patient's family.
- Conduct themselves in a professional courteous manner and with the highest ethical and legal standards expected of a health care professional and consistent with the role and responsibilities of a physician assistant.
- Engage and employ lifelong learning skills through on-going self-reflection, active engagement, and professional development.

## Physician Assistant Studies

### Master of Science in Physician Assistant Studies (MSPAS)

#### Year 1: Didactic Year

PAS5100	Applied Anatomy	3
PAS5200	Foundations of Medicine	4
PAS5325	Patient Care I	4
PAS5344	Professional and Health Policy Issues I	2.5
PAS5425	Patient Care II	3
PAS5454	Professional and Health Policy Issues II	2
PAS5464	Professional and Health Policy Issues III	2.5
PAS5523	Clinical Medicine I	4
PAS5533	Clinical Medicine II	4
PAS5560	Pharmacotherapeutics I	3
PAS5570	Pharmacotherapeutics II	4
PAS5620	Diagnostic Skills I	4.5
PAS5630	Diagnostic Skills II	6
PAS5643	Clinical Medicine III	5
PAS5653	Clinical Medicine IV	5
PAS5725	Patient Care III	4

#### Year 2: Clinical Year

PAS6100	Introduction to Clinical Practice Course	2
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

#### Total Credits

104.0

\* This course will span the clinical year, credit will be awarded only in the Spring Semester.

# Course Descriptions

## Academic Int'l Programs (ABRD) Courses

### **ABRD4080 Study Abroad Program**

This refers to courses of varying credit amounts (ABRD4083-4.5 credits, ABRD4086-9 credits, ABRD4089-13.5 credits, and ABRD4088-18 credits), used by students participating in overseas exchange programs at a foreign institution through an exchange agreement with Johnson & Wales University. Students apply for the exchange program through the Study Abroad office, which determines the partner institution from the available options based on a student's academic department, approves a planned course of study at the foreign institution. Typically, students study upper level courses in their major, combined with cultural and/or language courses, depending on the location. Students register at J&W for the appropriate ABRD4080 course(s) during the term(s) they will be on exchange.

Offered at Denver, North Miami, Providence, Providence CE  
4.5-18 Quarter Credit Hours

### **ABRD4083 Study Abroad Program**

This 4.5 credit course is used by students participating in overseas exchange programs at a foreign institution through an exchange agreement with Johnson & Wales University. Students apply for the exchange program through the Study Abroad office, which determines the partner institution from the available options based on a student's academic department, approves a planned course of study at the foreign institution. Typically, students study upper level courses in their major, combined with cultural and/or language courses, depending on the location. Students register at J&W for the appropriate ABRD4080 course(s) during the term(s) they will be on exchange.

Offered at Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

### **ABRD4086 Study Abroad Program**

This 9 credit course is used by students participating in overseas exchange programs at a foreign institution through an exchange agreement with Johnson & Wales University. Students apply for the exchange program through the Study Abroad office, which determines the partner institution from the available options based on a student's academic department, approves a planned course of study at the foreign institution. Typically, students study upper level courses in their major, combined with cultural and/or language courses, depending on the location. Students register at J&W for the appropriate ABRD4080 course(s) during the term(s) they will be on exchange.

Offered at Denver, North Miami, Providence, Providence CE  
9 Quarter Credit Hours

### **ABRD4088 Study Abroad Program**

This 18 credit course is used by students participating in overseas exchange programs at a foreign institution through an exchange agreement with Johnson & Wales University. Students apply for the exchange program through the Study Abroad office, which determines the partner institution from the available options based on a student's academic department, approves a planned course of study at the foreign institution. Typically, students study upper level courses in their major, combined with cultural and/or language courses, depending on the location. Students register at J&W for the appropriate ABRD4080 course(s) during the term(s) they will be on exchange.

Offered at Denver, North Miami, Providence, Providence CE  
18 Quarter Credit Hours

### **ABRD4089 Study Abroad Program**

This 13.5 credit course is used by students participating in overseas exchange programs at a foreign institution through an exchange agreement with Johnson & Wales University. Students apply for the exchange program through the Study Abroad office, which determines the partner institution from the available options based on a student's academic department, approves a planned course of study at the foreign institution. Typically, students study upper level courses in their major, combined with cultural and/or language courses, depending on the location. Students register at J&W for the appropriate ABRD4080 course(s) during the term(s) they will be on exchange.

Offered at Denver, North Miami, Providence, Providence CE  
13.5 Quarter Credit Hours

## Accounting (ACCT) Courses

### **ACCT1210 Financial Accounting**

This introductory course acquaints students with 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 and interpretation and use of financial statement information in business decisions, and a study of the system that produces this information.

Prerequisite(s): Corequisite: FIT1003. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### **ACCT1220 Managerial Accounting**

This course is the second of two required accounting courses to be completed by students pursuing degrees in business and hospitality. Students learn the nature, application and behavior of costs in both the goods-producing sector and service-producing sector. Various approaches to preparing budgets are also discussed. Decision making utilizing the topics discussed is emphasized.

Prerequisite(s): (ACCT1210, FIT1003) or (ACCT1007 or ACCT2002 or ACCT1202 or ACCT1002 or ACCT1022 or ACCT10021 or ACCT10221). (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### **ACCT2001 Business Accounting I**

The purpose of this course is to provide the student with an understanding of the processing of financial data with an emphasis on concepts rather than procedures. Accounting is presented with a focus on its business context integrating ratios and financial statements to enhance the understanding of how the information is used as a tool for decision making in the business world. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### **ACCT2002 Business Accounting II**

The purpose of this course is to provide the student with an understanding of accounting for operational assets, liabilities and equity necessary in running a business and evaluating its operating results and financial conditions. This course provides the student with an understanding of the processing of financial data with an emphasis on concepts rather than procedures.

Prerequisite(s): ACCT2001. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### **ACCT2010 Personal Budgeting and Planning**

This course focuses on personal financial planning for a variety of life situations. Topics include money management strategies, consumer credit, insuring your resources, and personal purchasing decisions. Topics are discussed with real-world applications.

Offered at Charlotte, Providence, Providence CE  
4.5 Quarter Credit Hours

### **ACCT2021 Intermediate Accounting I**

This course provides an introduction to financial accounting basic theory, practice and developmental framework. Students are exposed to certain assets such as cash, accounts receivable and inventories. Attention is given to their valuation and impact on periodic net income and financial position.

Prerequisite(s): ACCT1210, FIT1013.

Offered at Charlotte, Providence, Providence CE  
4.5 Quarter Credit Hours

### **ACCT2022 Intermediate Accounting II**

This course is a continuation of Intermediate Accounting I. Students are exposed to the remaining asset groups including non-current operating assets and long-term investments. Coverage also includes the entire spectrum of liabilities and stockholders equity.

Prerequisite(s): ACCT2021.

Offered at Charlotte, Providence, Providence CE  
4.5 Quarter Credit Hours



**ACCT2023 Intermediate Accounting III**

This course serves as a continuation of Intermediate Accounting II. Special topics are studied such as accounting for earnings per share, income taxes, leases, pensions and the statement of cash flows.

Prerequisite(s): ACCT2022.

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**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. Setup, maintenance and the entire accounting cycle are completed using the software.

Prerequisite(s): ACCT1210 or (ACCT1007 or ACCT2002 or ACCT1202 or

ACCT1002 or ACCT10021 or ACCT1022 or ACCT10021).

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT2191 Accounting Internship I**

This internship offers the student part-time, hands-on experience in basic bookkeeping at a university property location or an approved off-campus organization. The student has an opportunity to gain real-world experience in analyzing transactions, journalizing transactions, posting transactions, preparing various reconciliations and schedules, and general office skills and procedures. This course can be used for partial fulfillment of a free elective requirement if Accounting Internship II and Accounting Internship III are also completed.

Prerequisite(s): Permission of department chair.

Offered at Providence, Providence CE

1.5 Quarter Credit Hours

**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 or (ACCT1007 or ACCT2002 or ACCT1202 or

ACCT1002 or ACCT10021 or ACCT1022 or ACCT10021).

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3012 Federal Taxes II**

This course involves the study of federal tax laws pertaining to partnerships and corporations. Topics include the preparation of tax returns involving special problems, such as those associated with corporate reorganizations, personal holding companies and net operating losses.

Prerequisite(s): ACCT3011.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3030 Not-For-Profit 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): ACCT2023.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3031 Cost Accounting I**

This course provides an introduction to accounting in a manufacturing business. Costing procedures covered include activity-based costing, job order cost, process cost, joint cost, standard cost and variance analysis.

Prerequisite(s): ACCT1220 or ACCT3023 or (ACCT1007 or ACCT2002 or

ACCT1202 or ACCT1002 or ACCT10021 or ACCT1022 or ACCT10021 or

ACCT2004 or ACCT1012 or ACCT10121).

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3032 Cost Accounting II**

This course focuses on a study of more advanced problems encountered in a manufacturing business. Topics covered include the use of a standard cost system, variance analysis, absorption versus direct costing, break-even analysis and material and labor-related problems.

Prerequisite(s): ACCT3031.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3040 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): ACCT2023.

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**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): ACCT3040.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3050 Advanced Accounting**

Advanced Accounting is designed to provide the student with a sound foundation in partnership accounting and consolidated financial statements.

Prerequisite(s): ACCT2023.

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**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 or (ACCT1007 or ACCT2002 or ACCT1202 or

ACCT1002 or ACCT10021 or ACCT1022 or ACCT10021).

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3060 Accounting Information Systems**

This course explores the various aspects of information technology that accountants should have familiarity with in business organizations. The topics discussed include the current computer hardware and software used in business, risks and controls in accounting information systems, the systems development life cycle, and business processes enhanced by technology.

Prerequisite(s): ACCT3040.

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3065 Advanced Quickbooks**

In this interactive course, students expand their QuickBooks knowledge by becoming advanced users. Students master the QuickBooks 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. The course is conducted in a computer lab setting. Advanced setup, maintenance and the entire accounting cycle are completed using the software. At the completion of this course, students are prepared to take the QuickBooks Pro certification.

Prerequisite(s): ACCT2035, ACCT3040.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours



**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, FIT1003) or ((ACCT1007 or ACCT2002 or ACCT1202 or ACCT1002 or ACCT1022 or ACCT10021 or ACCT10221) and FIT1040).

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT3191 Accounting Internship II**

This internship provides an opportunity to students who completed ACCT2191, an accounting experience that requires more responsibility. It offers the student a part-time, hands-on experience in entry-level accounting functions at a university property location or an approved off-campus organization that can differ from the organization where ACCT2191 was completed. The student has an opportunity to gain real-world experience in analyzing transactions, journalizing transactions, posting transactions, preparing various reconciliations and schedules, creating reports for internal and external usage, and general office skills and procedures. This course can be used for partial fulfillment of a free elective requirement if Accounting Internship III is also completed.

Prerequisite(s): ACCT2191, permission of department chair.

Offered at Providence, Providence CE

1.5 Quarter Credit Hours

**ACCT3192 Accounting Internship III**

internship provides an opportunity to students who completed ACCT3191, an accounting experience that requires more responsibility and analytical tasks. It offers the student a part-time, hands-on experience in entry-level accounting functions at a university property location or an approved off-campus organization that can be differ from the organization where ACCT3191 was completed. The student has an opportunity to gain real-world experience in analyzing transactions, journalizing transactions, posting transactions, preparing various reconciliations and schedules, creating reports for internal and external usage, and general office skills and procedures. This course can be used for partial fulfillment of a free elective requirement if Accounting Internship I and Accounting Internship II are also completed.

Prerequisite(s): ACCT3191, permission of department chair.

Offered at Providence, Providence CE

1.5 Quarter Credit Hours

**ACCT4012 Taxes and Business Decisions**

This course examines the income tax issues that must be considered by managers prior to making business decisions. Topics include tax aspects of selecting a type of business entity; acquisition, use and disposal of fixed assets; investments; capital gains and losses; nontaxable transactions; payroll taxes; and income tax planning. This course is an elective for non-accounting majors only.

Prerequisite(s): ACCT1210 or (ACCT1007 or ACCT2002 or ACCT1202 or ACCT1002 or ACCT10021 or ACCT1022 or ACCT10021).

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT4020 Accounting Technology Practice and Procedure**

Using the content specification outline of the Certified Information Technology Professional (CITP) designation developed by the American Institute of Certified Public Accountants (AICPA), this course examines the various areas of technology-related services provided by accountants in public accounting and private industry. Topics include information technology strategic planning; information systems management; systems architecture, business applications and e-business; security, privacy and contingency planning; system development, acquisition and project management; systems auditing and internal control; and databases and database management.

Prerequisite(s): ACCT3060.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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): ACCT2023.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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): ACCT3040, ACCT3050, senior status.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**ACCT4099 Accounting Internship**

This internship provides students with an opportunity to gain accounting experience by performing various entry-level accounting functions at an approved offcampus organization. Students have an opportunity to gain real-world experience in analyzing, journalizing and posting transactions, preparing various reconciliations and schedules, creating reports for internal and external usage, and general office skills and procedures. Upon completion of this term-long course, students have an understanding of the demands and expectations of business and industry.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a 2.75 cumulative GPA during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Charlotte, Providence, Providence CE

4.5-13.5 Quarter Credit Hours

**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 Providence

4.5 Quarter Credit Hours

**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): ACCT3040, completion of required accounting prerequisite and foundation courses, knowledge of spreadsheet software.

Offered at Providence

4.5 Quarter Credit Hours

**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.

Prerequisite(s): ACCT3011, completion of required accounting prerequisite and foundation courses.

Offered at Providence

4.5 Quarter Credit Hours

### **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 Providence

4.5 Quarter Credit Hours

### **ACCT6410 Income Tax Planning**

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 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 emphasized throughout the course.

Prerequisite(s): FISV5000. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

## **Advertising Comm (ADVC) Courses**

### **ADVC1010 Marketing Communications**

This course focuses on the role of integrated marketing communications in the overall marketing process. Emphasis is placed on the integration of advertising, sales promotion, public relations, direct marketing, personal selling and interactive marketing in the creation of effective relationships, communication theory and the creative process in achieving marketing objectives for brands. 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): DME1020 or (MCST1010 or COMM1010) or (MRKT1001 or HOSP3050).

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **ADVC1011 Media Strategy**

This course focuses on the role of integrated marketing communications in the overall marketing process. Emphasis is on the integration of advertising, sales promotion, public relations, direct marketing, personal selling and interactive marketing in the creation of effective relationships, communication theory and the creative process in achieving marketing objectives for brands. 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): ADVC1010.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **ADVC1021 Public Relations and Corporate Communications**

This course introduces students to the basic writing requirements and functions of public relations and communications within contemporary organizations, including marketing communications, media relations and corporate communication documents. Particular emphasis is on the creation of both traditional and new media correspondence, such as press releases, media kit documents and client correspondence including agendas and meeting reports.

Prerequisite(s): MRKT1001.

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

### **ADVC2001 Creative Concepts and Strategy**

This course prepares students to develop creative concepts based on research and sound selling positioning strategies. Emphasis is on teaching the student to think both strategically and creatively for the wide range of media and communications tools used by today's advertiser. Students gain experience in developing creative concepts for magazines, newspapers, radio, television, billboards, brochures, catalogs, and infomercials in traditional and new media. Particular emphasis is on developing strategies and writing creative strategy statements from which concepts are developed and executed.

Prerequisite(s): ADVC1010.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **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 such as Web, viral and other nontraditional media beyond the digital realm. Copywriting study includes headline writing, body copy, theme lines and tag lines, as well as script writing. Art direction study includes layout, design, typography and the video communication arts. This course aids students in incorporating both copywriting and art direction disciplines into portfolio samples.

Prerequisite(s): ADVC2001 or CGRA3050.

Offered at Providence

4.5 Quarter Credit Hours

### **ADVC2025 Advanced Brand Communications**

This course utilizes contemporary case analysis and real client projects to illustrate the effective use of public relations to achieve advanced integrated brand communication campaigns. Students learn to solve client communication problems and become brand advocates by applying a public relations process model to create a diverse range of traditional, digital and branded content media. Students write advanced brand communications for digital news media, social media and native advertising formats.

Prerequisite(s): ADVC1010 or ADVC1021.

Offered at Providence

4.5 Quarter Credit Hours

### **ADVC3003 Advertising Campaigns**

This advanced course covers the strategies employed to develop and implement successful communication campaigns using advertising, sales promotion, public relations and multimedia tools. Extensive analysis of successful communication campaign models is used to aid students in the development of creative and effective ideas. Students are responsible for developing several advertising campaigns for various marketing organizations, including a multilevel campaign that is chronicled in a comprehensive plan book.

Prerequisite(s): ADVC2001.

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

### **ADVC3010 Digital Media Planning**

This course provides students with the skills and knowledge required to be successful in today's digital advertising industry, including paid, owned and earned media. Students focus on the options available to reach online audiences (including the Web, mobile devices and social media), calculate the costs to do so, and assess the results using analytical tools provided by syndicated databases and media organization.

Prerequisite(s): ADVC1010, junior status.

Offered at Providence

4.5 Quarter Credit Hours

**ADVC3050 Special Projects in Integrated Marketing Communications**

This course provides students with the skills and knowledge required to be successful in today's fast-paced and dynamic advertising industry. Students majoring in strategic advertising, creative advertising, marketing and graphic design are eligible for this course and work together in teams to develop and complete an integrated marketing communications plan consistent with what advertising agencies deliver to their clients. Students begin by conducting research for the client from which insights on positioning, creative and media strategies are developed. Integrated strategies may also include sponsorships, partnerships, events, public relations and the use of new media. An integrated communications campaign is produced within a plans book and multimedia presentation.

Prerequisite(s): ADVC1010, junior status.

Offered at Providence

4.5 Quarter Credit Hours

**ADVC4015 Integrated Marketing Communications Seminar**

This course is offered to senior Advertising, Marketing and Creative Advertising majors. This course provides students, working in teams, the opportunity to develop fully integrated marketing communications plans for marketing organizations, including nonprofits, using appropriate promotional mix elements. Students are given promotional budgets from which they develop a complete integrated marketing communications strategy, beginning with research and including advertising, public relations, sales promotion, direct and digital marketing, and personal selling, all of which are integrated into a cohesive communications plans book and presentation.

Prerequisite(s): ADVC2001, junior status.

Offered at Providence

4.5 Quarter Credit Hours

**ADVC4020 Portfolio Seminar**

This course is designed to give advertising students an experiential portfolio-building program, often in a simulated work environment, under the supervision of faculty and staff with expertise in the advertising industry. Students fill any holes in their portfolio of advertising work, both traditional and new media, putting the finishing touches on a body of creative work that gives them a competitive portfolio for an entry-level position on the creative side of advertising.

Prerequisite(s): ADVC4015.

Offered at Providence

4.5 Quarter Credit Hours

**ADVC4050 Search Engine Marketing**

This course provides students with the knowledge and skills to develop effective search engine optimization strategies. Students explore the various components that go into creating web sites resulting in high page rankings, leading to customer engagement and achieving organizational objectives. Topics include SEO architecture, key navigation and linking principles, and content development and design principles. Various webmaster tools (i.e., Google and Bing) are used as well as sitemap best practices.

Prerequisite(s): ADVC3010 or DME1040, junior status.

Offered at Providence

4.5 Quarter Credit Hours

**ADVC4099 Advertising Internship**

Eligible students may apply for an advertising internship at an agency, corporation, non-profit, media organization, or governmental entity. This assignment is an industry experience that allows students to gain academic credit for an invaluable work experience in the advertising industry. Upon completion of this term-long course, students have an understanding of the demands and expectations of the industry, as well as the role played by the agency, the client, and media organizations.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a 2.75 cumulative GPA during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Providence

4.5-13.5 Quarter Credit Hours

## Arabic (ARA) Courses

**ARA1001 Supervised Independent Arabic I**

This self-instructed, independent course combines a required curriculum with weekly conversation sessions. Students must take considerable responsibility for their own learning. The course is an introduction to the Arabic language with emphasis on mastering the Arabic alphabet, on vocabulary acquisition and on learning basic grammatical constructions with oral communication on a rudimentary level the main objective.

Offered at Providence

2.25 Quarter Credit Hours

**ARA1002 Supervised Independent Arabic II**

This self-instructed course is a continuation of the Supervised Independent Arabic I. Students' vocabulary is expanded to words used when dealing with such topics as time, days of week, weather, shopping, daily and weekly routine, etc. The grammar constructions used include declination of nouns; verbs in present, past and future tenses; and adjectives.

Prerequisite(s): ARA1001.

Offered at Providence

2.25 Quarter Credit Hours

## 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. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**ART3020 Art History**

This course provides an introduction to the understanding and appreciation of art. Emphasis will be 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 will be encouraged to respond actively to works of art through class discussions, museum visits, and class projects.

Prerequisite(s): ENG1021 or ENG1027. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## Baking and Pastry Arts (BPA) Courses

**BPA1010 Fundamental Skills and Techniques**

This course provides students with fundamental cooking and baking techniques, knife skills, piping skills and mixing methods. Emphasis is placed on proper receiving, handling and identification of fruits and other ingredients used in the pastry kitchen.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1015 Classic Pastry**

This course is designed to give the student fundamental working knowledge of the traditional methods of producing puff pastry, pâte à choux, creams and custards. This course also includes practical techniques of platter design and presentations. Students plan, organize, and set up pastry buffets.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1020 Pies and Tarts**

This course is designed to provide students with the knowledge of traditional methods of producing pies and tarts. Emphasis is on the production of basic pie dough, short dough, pâte sablée, and a variety of pie and tart fillings.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1025 Cookies and Petits Fours**

This course provides students with a fundamental working knowledge of the traditional methods of producing cookies and petits fours. Fundamentals of production, finishing techniques and platter presentations are introduced.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1030 Hot and Cold Desserts**

This course is designed to provide students with skills in the production of churned and still-frozen desserts, composed frozen desserts and the production of hot desserts enhanced by a frozen component.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1035 Chocolates and Confections**

This course provides students with the skills and knowledge of chocolate tempering methods. Hand dipped and molded pralines and truffles (candies) are produced utilizing different chocolates, fillings and decorating techniques. Emphasis is placed on the history and manufacturing techniques of the different qualities in chocolate.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1040 Introduction to Cakes**

This course provides students with the skills and knowledge of producing cakes, butter creams and icings. Each student is taught proper mixing methods and assembling, icing and finishing techniques of a variety of cakes.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1045 Principles of Artisan Bread Baking**

This course provides an introduction to the skills and techniques of artisan bread production. Products covered include commercially yeasted breads, rolls and savory quick breads. Properties and characteristics of ingredients, the baker's percentage system and scaling methods are studied, as well as proper mixing techniques, controlled fermentation, and baking methodology.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1050 Viennoiserie**

This course provides students with the knowledge and application of the principles and techniques of viennoiserie production. Yeasted and enriched breads, laminated doughs and quick breads are introduced in this class. Properties and characteristics of ingredients, the baker's percentage system and scaling methods are introduced. Emphasis is placed on mixing techniques, controlled fermentation, hand shaping skills and baking methodology.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA1060 How Baking Works**

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.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA2010 Specialty Cakes**

Students build on their fundamental skills of icing cakes in creating special occasion cakes. Emphasis is placed on developing skills in making various flowers out of modeling chocolate, marzipan and gum paste. Students are introduced to covering and glazing special occasion cakes with rolled fondant and build their piping skills through intricate patterns and techniques.

Prerequisite(s): BPA1040.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA2015 Entremets and Petits Gâteaux**

This course provides students with advanced methods of creating entremets and petits gâteaux that are contemporary and industry relevant. Different components and modern finishing techniques are applied in creating molded entremets and petits gâteaux.

Prerequisite(s): BPA1040.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA2020 Plated Desserts**

This course covers preparation and presentation of individual hot and cold plated desserts, using a variety of traditional and modern plating techniques.

Plate design, station organization, à la minute service, flavor, textural components, and portion control are emphasized.

Prerequisite(s): BPA1015, BPA1030.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA2025 Advanced Artisan Bread Baking**

This course introduces students to the advanced skills and techniques of artisan bread production that includes commercially and naturally leavened breads; decorative breads, crackers and flat breads. Properties and characteristics of grains other than wheat and sustainability are covered. The baker's percentage system, scaling ingredients, mixing techniques, controlled fermentation, hand shaping skills, and baking methodology are reviewed.

Prerequisite(s): BPA1045.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA2030 Sugar Artistry**

Students are introduced to various sugar artistry techniques, including pastillage, poured, pulled and blown sugar. Emphasis is on the planning and production of individual showpieces using various shaping and molding methods.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**BPA2626 Baking & Pastry Internship**

This intermediate level work-experience course is designed to provide students with a hands-on learning experience in the food service industry. Students apply theoretical knowledge of baking and pastry arts, demonstrate practical skills of production, and practice professionalism in a university-approved industry setting. Upon completion of this term-long course, students have a broader understanding of the demands and expectations of the food service industry while improving their skills in baking and pastry arts.

Prerequisite(s): Completion of all freshman-level courses; site selection is dependent upon GPA. A minimum 2.75 cumulative GPA may be required for certain site selections.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

6.75-13.5 Quarter Credit Hours



**BPA3010 Advanced Decorative Breads**

This course provides students with the skill of designing decorative and artisan bread displays and showpieces for marketing applications. Students research, design and develop a theme-specific showpiece, and through photo documentation, create a portfolio that can be used as a professional marketing tool.

Prerequisite(s): Junior status.

Offered at Providence

3 Quarter Credit Hours

**BPA3015 Naturally Leavened Breads and Advanced Viennoiserie**

This course is designed to give students the opportunity to culture their own naturally leavened sourdough starter and use it in a bread of their own creation. There is a focus on sweet and savory Viennoiserie and advanced lamination techniques. These two focuses are underpinned by the use of the baker's percentage system, cross utilization of dough and fillings and alternative production methods.

Prerequisite(s): Junior status.

Offered at Providence

3 Quarter Credit Hours

**BPA3020 Sensory Analysis in Contemporary Desserts**

This course covers the preparation and presentation of contemporary plated desserts using sensory analysis applications to achieve well-rounded flavor and plate profiles. Emphasis is placed on study of the flavor profiles of various regions and countries of the world. The study of dessert wines and food/dessert pairings is explored and implemented.

Prerequisite(s): Junior status.

Offered at Providence

3 Quarter Credit Hours

**BPA3025 Neo-Classic Desserts**

This course covers the preparation and presentation of contemporary desserts, using the foundation of classic desserts and applying modern techniques and interpretations to produce their neo-classic versions. Emphasis is on the skills and techniques of creating and managing a dessert menu.

Prerequisite(s): Junior status.

Offered at Providence

3 Quarter Credit Hours

**BPA3030 Advanced Petits Gâteaux**

This course focuses on advanced petits gâteaux production, technique, and finishing skills. Emphasis is on developing flavors, textures and decorative components used in the creation of petits gâteaux. Instruction is given on the use of cakes as individual offerings, as well as plated dessert presentations.

Prerequisite(s): Junior status.

Offered at Providence

3 Quarter Credit Hours

**BPA3340 Wedding Cake Design**

This course focuses on the preparation and presentation of wedding cakes using modern production and decorating techniques. Emphasis is on developing skills in the area of piping and construction using rolled fondant, gum paste, royal icing and various buttercreams.

Prerequisite(s): A.S. degree in Baking Pastry Arts.

Offered at North Miami, Providence

3 Quarter Credit Hours

**BPA3350 Artisan Breads**

This course covers breakfast pastries and doughs with long fermentation using sour dough starters. Students are asked to create some small decorative amenities using different decorative doughs to enhance buffet and window displays. Emphasis is placed on proper dough fermentation techniques and proper product management.

Prerequisite(s): A.S. degree in Baking Pastry Arts.

Offered at North Miami, Providence

3 Quarter Credit Hours

**BPA3360 Chocolate Artistry**

In this class students build on the foundation laid in their sophomore chocolate and sugar artistry course. Emphasis is on the preparation of chocolates and confections using new and more efficient techniques as well as advanced decorating techniques. In addition, students plan, design and prepare a chocolate showpiece and smaller amenities.

Prerequisite(s): A.S. degree in Baking Pastry Arts.

Offered at North Miami, Providence

3 Quarter Credit Hours

**BPA4010 Baking and Pastry Buffet Presentation**

This course is designed to allow students to work collaboratively to plan and create high-quality baking and pastry buffets. Emphasis is on the principles of development, management and presentation of baking and pastry buffets.

Prerequisite(s): Senior status.

Offered at Providence

3 Quarter Credit Hours

**BPA4015 Tiered and Themed Decorated Cakes**

This course covers the advanced preparation and decoration of themed and tiered celebration cakes. The use of different icings and decorating mediums, such as rolled fondant, gum paste, and pastillage will be explored and implemented. Students will design, construct and decorate advanced celebration and competition cakes. Skills focus on designing structural supports, stacking, covering, cutting, and piping. Students will learn the importance of managing their time, while producing cakes individually and in teams.

Prerequisite(s): Senior status.

Offered at Providence

3 Quarter Credit Hours

**BPA4020 Advanced Wedding Cake Design**

This course provides students with advanced knowledge and skills of designing contemporary wedding cakes using modern production and finishing techniques. Emphasis is on developing skills in the area of piping, construction, gum paste, and rolled fondant.

Prerequisite(s): Senior status.

Offered at Providence

3 Quarter Credit Hours

**BPA4025 Advanced Chocolates and Confections**

This course covers the advanced production methods and finishing techniques of praline production. Emphasis is on the manufacturing of chocolate candies and confections using commercial techniques of production and finishing. The planning, designing, preparing, and arranging of showpieces and small amenities made from chocolate are also introduced.

Prerequisite(s): Senior status.

Offered at Providence

3 Quarter Credit Hours

**BPA4030 Advanced Sugar Artistry**

This course covers the advanced production methods and finishing techniques of sugar showpieces. Emphasis is on the planning, designing, preparing, and arranging of a showpiece made from poured sugar, pulled sugar, blown sugar, and pastillage.

Prerequisite(s): Senior status.

Offered at Providence

3 Quarter Credit Hours

**BPA4199 Advanced Baking and Pastry Internship**

In this course, experiential learning takes place in diverse industry work settings in the U.S. and abroad. Students apply their theoretical and practical knowledge under the supervision of a qualified industry professional.

Prerequisite(s): BPA3010, BPA3015, BPA3020, BPA3025, BPA3030, all junior-level academics, cumulative 3.25 GPA required for international internship, A.S. degree in Baking Pastry Arts.

Offered at Providence

13.5 Quarter Credit Hours

# Biology (BIO) Courses

## **BIO1011 General Biology I**

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 I Laboratory.

Prerequisite(s): Co-requisite: BIO1015.

Offered at Providence

4.5 Quarter Credit Hours

## **BIO1015 General Biology I Laboratory**

This is a laboratory companion course coordinated with BIO1011, which 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): Co-requisite: BIO1011.

Offered at Providence

2.25 Quarter Credit Hours

## **BIO1022 General Biology II**

This course is a continuation of General Biology I. It 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 II Laboratory.

Prerequisite(s): BIO1011, BIO1015. Co-requisite: BIO1025.

Offered at Providence

4.5 Quarter Credit Hours

## **BIO1025 General Biology II Laboratory**

This is a laboratory companion course coordinated with BIO1022, which 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): BIO1011, BIO1015. Co-requisite: BIO1022

Offered at Providence

2.25 Quarter Credit Hours

## **BIO2001 Genetics**

This course will provide students with the knowledge and analytical skills necessary to understand the principles of modern genetics. The nature of genes, genomes, and chromosomes, the mechanisms of recombination and mutation, the patterns of Mendelian inheritance patterns, and the genetic mechanisms underlying evolution will be studied. Genetic studies performed on model organisms (such as bacteria, yeast, & mold) will be discussed in order to illustrate and reinforce genetic principles relating to human genetics and diseases.

Prerequisite(s): BIO1022, BIO1025.

Offered at Providence

4.5 Quarter Credit Hours

## **BIO2021 Functional Human Anatomy**

This course studies the functional anatomy of the human organism organized by body systems. The lecture portion will explore structural and functional relationships in the human body. The microscopic and macroscopic structure of human tissues, organs, and organ systems will be examined with applications to health, wellness, and disease states. Functional Human Anatomy (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.

Prerequisite(s): BIO1022 and BIO1025 or SCI1015. Co-requisite: BIO2025.

Offered at Providence

4.5 Quarter Credit Hours

## **BIO2025 Functional Human Anatomy Laboratory**

Through the use of anatomical models, dissection of mammalian specimens, and examination of prosected human cadavers, students will explore the anatomical structure of the human body. The course will combine a regional/functional perspective with a systemic overview of body systems. Functional Human Anatomy (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.

Prerequisite(s): BIO1022 and BIO1025 or SCI1015. Co-requisite: BIO2021.

Offered at Providence

2.25 Quarter Credit Hours

## **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 Human Physiology Laboratory (BIO2045) is required. Human Physiology (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.

Prerequisite(s): BIO1011 and BIO1015 or SCI1015, CHM1022 and CHM1025 or CHM1000 and CHM1005. Co-requisite: BIO2045.

Offered at Providence

4.5 Quarter Credit Hours

## **BIO2045 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 BIO1015 or SCI1015, CHM1022 and CHM1025 or CHM1000 and CHM1005. Co-requisite: BIO2041.

Offered at Providence

2.25 Quarter Credit Hours

## **BIO2100 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 will also be examined.

Prerequisite(s): BIO1022, BIO1025.

Offered at Providence

4.5 Quarter Credit Hours

## **BIO3010 Principles of Biochemistry**

Biochemistry applies the knowledge gained in general and organic chemistry to biological systems. Students will gain an understanding of metabolic pathways, energy production, and metabolic regulatory mechanism in eukaryotes and prokaryotes. Students will analyze primary journal articles that focus on the application of biochemistry in the health sciences, such as cancer screening, vaccine production, and Alzheimer's prevention.

Additionally, students will research fundamental biochemical techniques such as protein purification and enzyme kinetics.

Prerequisite(s): CHM2022, CHM2025.

Offered at Providence

4.5 Quarter Credit Hours

## **BIO3040 Molecular Biology**

Molecular biology uses the knowledge gained in genetics and biochemistry to study biology at the molecular level. Students will study current topics related to DNA replication, mutation, recombination and gene expression in prokaryotes, eukaryotes, and their viruses. Students will 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 will debate the ethics behind cloning and the genetic modification of organisms.

Prerequisite(s): BIO2001, BIO3010.

Offered at Providence

4.5 Quarter Credit Hours



**BIO3070 Evolution**

This course provides a background into the mechanisms of evolution including: 1) natural and other forms of selection and 2) 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): BIO1022, BIO1025.

Offered at Providence  
4.5 Quarter Credit Hours

**BIO4011 Microbiology**

Microbiology applies knowledge gained from genetics, biochemistry, and molecular biology to microorganisms with an emphasis on those of importance to the health sciences. Students will gain a general understanding of prokaryotic and eukaryotic microscopic life forms, viruses, and prions. Students will also learn how these microbes cause disease in humans and the immune response system. Students will discuss and critically analyze data from journal articles covering hot topics such as bioterrorism, emerging diseases, and genetic engineering. This course, with its laboratory companion, will provide a conceptual and experimental background in microbiology sufficient to enable students to take more advanced courses in this field and related fields.

Prerequisite(s): BIO3040. Co-requisite: BIO4015.

Offered at Providence  
4.5 Quarter Credit Hours

**BIO4015 Microbiology Laboratory**

Microbiology Laboratory is a laboratory companion course coordinated with Microbiology lecture (BIO4011). Using live cultures, students examine the properties of various microbes and factors which contribute to their spread and control. Unknown bacteria are identified using both traditional and genetic microbiological techniques. Students will isolate and identify microorganisms that make up their normal flora. Students will also be able to identify other opportunistic microorganisms that are responsible for illness in healthy individuals. Biosafety procedures will be emphasized.

Prerequisite(s): BIO3040. Co-requisite: BIO4011.

Offered at Providence  
2.25 Quarter Credit Hours

**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): BIO2021, BIO2025.

Offered at Providence  
4.5 Quarter Credit Hours

**BIO4070 Fundamentals of Immunology**

Fundamentals of Immunology is a survey course that will introduce students to basic concepts of immunology and will foster an understanding of the immunological processes that underlie human disease pathogenesis.

Prerequisite(s): BIO1022, BIO1025, BIO3010.

Offered at Providence  
4.5 Quarter Credit Hours

**BIO4099 Internship in Biology**

This internship allows students to gain experience in a variety of fields, such as academia, industry or health profession settings, including nonprofit and government agencies. Internships provide opportunities for students to gain real world experience by applying their skills and knowledge to meet the needs of their respective employers.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 90 hours of course work.

Offered at Providence  
4.5-13.5 Quarter Credit Hours

**BIO4100 Senior Seminar in Biology**

This is a capstone biology course that allows students to integrate all previous course work 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): BIO1022, BIO1025, CHM1022, CHM1025, MATH2001, senior status.

Offered at Providence  
4.5 Quarter Credit Hours

## Career Management (CAR) Courses

**CAR0010 Career Capstone**

This career management course focuses on preparing and empowering students to make effective career choices, identify and pursue internships, secure employment, and navigate lifelong career direction. Students learn ways to enhance and customize their job search materials and to market themselves effectively to employers. Various job search strategies, networking and interview techniques are reinforced. Other topics include personal financial management and graduate school.

Prerequisite(s): Junior status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence  
1 Quarter Credit Hour

## Chemistry (CHM) Courses

**CHM1000 Foundations in Chemistry**

This comprehensive course is 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 equivalent, Corequisite: CHM1005.

Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**CHM1005 Foundations in Chemistry Laboratory**

This is an inquiry based laboratory supplement course coordinated with CHM1000 Foundations in Chemistry. Students work in small teams to solve chemistry lab problems by performing observations and generating data to develop new concepts. Students design their own experiments and make decisions within their teams in a collaborative manner. They have the opportunity to practice the scientific skills used by chemists who perform research. Topics covered include the mole concept, chemical reactions, energy interrelationships between reactants, atomic and molecular structure, and chemical bonding.

Prerequisite(s): MATH1020 or equivalent, Corequisite: CHM1000.

Offered at Providence, Providence CE  
2.25 Quarter Credit Hours

**CHM1011 General Chemistry I**

In this first course in the general chemistry sequence, students will take an active learning approach to the discovery of chemical structure and chemical principles. Topics to be investigated include: atomic structure, relationship between matter and energy, classification of the elements, bonding models for organic and inorganic compounds, molecular structures, intermolecular forces, thermochemistry, and dimensional analysis of chemical quantities in chemical reactions.

Prerequisite(s): Co-requisite: CHM1015.

Offered at Providence  
4.5 Quarter Credit Hours

**CHM1015 General Chemistry I Laboratory**

This is a laboratory companion course coordinated with CHM1011 that introduces students to techniques and equipment used in experimental chemistry. Students take an inquiry-based, self-guided learning approach to the discovery of the structure of the atoms, scientific measurements, proper calculations of chemical reactions, thermochemistry, spectroscopy, and the states of matter. 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): Co-requisite: CHM1011.

Offered at Providence

2.25 Quarter Credit Hours

**CHM1022 General Chemistry II**

This is the second course in the general chemistry sequence. Students will take an integrated learning approach to the discovery of: electron dot formulas, VSEPR modeling, electronegativity and polarity, property of gases, investigation into the gas laws, solutions, quantification of solutions, chemical equilibrium, and acids and base chemistry.

Prerequisite(s): CHM1011 , CHM1015. Co-requisite: CHM1025.

Offered at Providence

4.5 Quarter Credit Hours

**CHM1025 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 , CHM1015. Co-requisite: CHM1022.

Offered at Providence

2.25 Quarter Credit Hours

**CHM2011 Organic Chemistry I**

This first course in the sequence of organic chemistry investigates carbon and its role in the formation of biomolecules. Emphasis will be given to classification of carbon based reactions, naming of various carbon based compounds (alkanes, alkenes, and alkynes), substitution reactions, and stereochemistry.

Prerequisite(s): CHM1022 , CHM1025. Co-requisite: CHM2015.

Offered at Providence

4.5 Quarter Credit Hours

**CHM2015 Organic Chemistry I Laboratory**

This is a laboratory companion course coordinated with CHM2011 that introduces students to techniques and equipment used in experimental organic chemistry. Students take an inquiry-based, self-guided learning approach to the discovery of synthesis of organic compounds, compound characterization using analytical techniques, and 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 , CHM1025. Co-requisite: CHM2011.

Offered at Providence

2.25 Quarter Credit Hours

**CHM2022 Organic Chemistry II**

This is the second course in the general chemistry sequence. Emphasis will be given to: synthesis of alcohols, phenols, ethers and their sulfide derivatives, aldehydes, ketones, carboxylic acids and their derivatives, amines, amides, construction of carbohydrates, amino acids, and lipids, and analytical procedure by which to characterize carbon based compounds.

Prerequisite(s): CHM2011, CHM2015. Co-requisite: CHM2025.

Offered at Providence

4.5 Quarter Credit Hours

**CHM2025 Organic Chemistry II Laboratory**

This is a laboratory companion course coordinated with CHM2022 that introduces students to techniques and equipment used in experimental organic chemistry. Students take an inquiry-based, self-guided learning approach to the discovery of reactions that produce alcohols, aldehydes, carboxylic acids, ethers, esters, amines, amides, phenols and aromatic compounds. Emphasis is on proper synthesis and analytical evaluation of chemical reaction products. Students also identify, when appropriate, the application of Green Chemistry procedures. Additionally, this laboratory provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.

Prerequisite(s): CHM2011, CHM2015. Co-requisite: CHM2022.

Offered at Providence

2.25 Quarter Credit Hours

**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 Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**CHM3040 Biochemistry**

This course introduces basic concepts of chemistry and organic/biological chemistry with emphasis on applications of chemistry to human biology, structure of biological molecules and metabolism. Typical topics include: chemical bonds and energy, electrolytes, structure and metabolism of carbohydrates and lipids, protein and enzyme function, and structure and function of nucleic acids.

Prerequisite(s): CHM2040 or SCI2045, SCI1015.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

## Computer Science (CSIS) Courses

**CSIS1000 Problem Solving and Programming Concepts**

This introductory course teaches students the fundamentals of problem solving in computer programming. Students learn to use both textual and graphic algorithms as problem-solving tools. In hands-on 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 use a range of tools currently used in industry, including functional decomposition diagrams, flowcharts, UML diagrams, use cases, metadata charts, data flow documents and pseudocode.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CSIS1020 Fundamentals of C Programming**

This introductory programming course teaches students how to program in the C computer language, a fundamental skill for technology professionals. Students learn how to design and develop computer programs using standard strategies and techniques used in industry. Topics covered include how programs are structured, how arrays and strings can be processed, and how files are manipulated.

Prerequisite(s): CSIS1000 or FIT1012 or FIT1025.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CSIS1040 Fundamentals of Visual Basic**

This course provides an introduction to visual programming and GUI development. Students learn to use a multitude of visual tools, statements, properties and events to create and execute applications in a Visual Studio.NET environment. File access for various file types is presented. Relational databases are examined in relation to how they are created and can be accessed using visual basic programming.

Prerequisite(s): FIT1012 or equivalent.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CSIS1050 Data Structures**

This course provides students with an understanding of the various structures used for internal storage and the processing of data. The course presents the concepts of data storage in memory for various processing techniques. Linear and non-linear organization of data and various access methods are presented in both static and dynamic memory allocation. The rationale for each approach is presented and discussed. Storage structures and access methods presented include stacks, queues, linked lists and trees. Students are responsible for the design and implementation of the various items discussed in lecture through both individual and team related projects.

Prerequisite(s): CSIS1020 or CSIS1040.

Offered at Providence

4.5 Quarter Credit Hours

**CSIS1060 GUI Concepts**

This course provides students with an understanding of a Graphical User Interface environment. Students are introduced to how Windows works with the file hardware. All students customize and configure the Windows environment. Topics include ini file, program, winfile, control panel, device managers, terminal, paintbrush, creating shortcuts, and X windows.

Prerequisite(s): FIT1000 or FIT1012.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CSIS1070 Diagnostics and Maintenance**

This course provides students with the knowledge and expertise to isolate faults in computer systems, using the desktop computer as a model. Using the systems approach, students learn the subsections of a computer system and their functions. Typical problems with each subsection and the impact of these problems on the operation of the entire system are discussed. The course introduces students to diagnostic software and fault analysis techniques through out-of-class work using standard tools and representative computer diagnostic software.

Prerequisite(s): FIT1000 or FIT1012.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CSIS2020 Business Programming I with COBOL**

This course provides students with an understanding of the use of programming in the business community. Students learn how to program statements, translate into standard operations for generating reports and use files in a business environment. Students also examine how various types of storage and programming structures are implemented in the programming language. In addition, students perform problem solving in the area of simple business functions, and design, chart, code, debug, test, execute and document programs. Topics include accessing files, decision structure, looping structures, report design, program structure, data types, data manipulation, tables and control break processing.

Prerequisite(s): CSIS1000 or CSIS1020 or CSIS1040.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CSIS2025 Introduction to Server Side Technologies**

This course emphasizes the fundamentals of server-side web development using industry-standard high-level environments. Students are introduced to concepts and practices including functionality, typical applications in a business setting, technologies and terminology. Client-side interaction is covered to the extent of making Web forms that connect to a data source with some JavaScript used for field validation. Server application and system architecture is emphasized.

Prerequisite(s): CSIS1020 or CSIS1040 or DME1060, junior status.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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): FIT1014 or FIT1040.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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, multiprogramming, multiprocessing, timesharing and JCL.

Prerequisite(s): CSIS1020 or CSIS1040.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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. The student will learn how to create programs that interface with computer peripherals. Program design, coding, debugging, testing, execution and documentation will be reinforced.

Prerequisite(s): CSIS1020.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CSIS2055 Introduction to Game Development**

This course introduces the student to the fundamental principles of animated game design. Aesthetic and cultural aspects of design include art and modeling, sound and music, history of games, genre analysis, role of violence, gender issues in games, game balance, and careers in the industry. Programmers, artists, musicians, and writers collaborate to produce an original computer game. Focus is placed on developing games and mastering animation techniques used in games for the Web. In-class lectures consist of classical animation concepts and practical software demonstrations related to game development. Students are required to work in groups to produce various types of animated projects. Students also learn methods to optimize and render animations for web delivery.

Prerequisite(s): CSIS1040.

Offered at Providence

4.5 Quarter Credit Hours

**CSIS2060 Object-Oriented Programming in C++**

Object-oriented programming examines programs as a set of objects and explores how the objects are interrelated. Using the C++ programming language, students study the concepts of data encapsulation, attributes, methods and messages within the class structure. They also study the ability of C++ to create in-line functions, operator and function overloading, inheritance and virtual classes. Students design, code, debug and execute various assignments using the C++ programming language in the Visual Studio.NET integrated development environment.

Prerequisite(s): CSIS1020.

Offered at Providence

4.5 Quarter Credit Hours

**CSIS2065 Java Programming**

This course provides students with the knowledge and skill necessary for object-oriented programming of advanced Java applications. Students learn Java programming language syntax and object-oriented concepts, as well as more sophisticated features of the Java runtime environment, such as support for graphical user interfaces (GUIs), multithreading and networking. This course covers prerequisite knowledge to prepare students for the Sun Certified Programmer for the Java Platform and the Sun Certified Developer for the Java Platform examinations.

Prerequisite(s): CSIS1020 or CSIS1040.

Offered at Providence

4.5 Quarter Credit Hours

**CSIS2070 Business Programming II with COBOL**

Students write business-level programs to solve intermediate-level financial and business problems. They are introduced to such subjects as subscripting, indexing, sorting, complex file handling and creating server-side applications. Students are also introduced to the selection criteria for choosing between different software with Web pages and relational databases. Students implement and test their developed programs.

Prerequisite(s): CSIS2020.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **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 will prepare the student for application development for mobile computing devices.

Prerequisite(s): Sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

### **CSIS2080 Database Design**

The use of fourth and fifth generation tools in database environments is becoming more prevalent. This course provides a foundation for that systems development effort 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 Providence, Providence CE

4.5 Quarter Credit Hours

### **CSIS3030 Server Side Programming I**

This course introduces contemporary scripting language to teach fundamental concepts and techniques for programming in a browser based environment. This course explores data representation, manipulation and how interactive data feeds information on a web page. Current scripting languages is used.

Prerequisite(s): CSIS2025.

Offered at Providence

4.5 Quarter Credit Hours

### **CSIS3040 Server Side Programming II**

This advanced programming course focuses on data interaction and transaction processing in a client server environment. Students utilize current client and server side compiled programming languages to architect and implement web applications. This course emphasizes current industry best practices using compiled code in current programming environments.

Prerequisite(s): CSIS3030.

Offered at Providence

4.5 Quarter Credit Hours

### **CSIS3050 2D Game Development with C#**

This course is an introduction to the concepts related to game development. Students are introduced to the basics of game development of a two dimensional game using sprites and animation. The programming language used is C#. Students are introduced to the methods used for creating sprites, animation, detecting collisions, player control, and incorporating music and sound into the game. Students also design backgrounds and provide animation for the backgrounds to simulate movement of the sprites.

Prerequisite(s): CSIS1040 OR CSIS2060 or CSIS2055, CSIS2065.

Offered at Providence

4.5 Quarter Credit Hours

### **CSIS3060 Game Engine Design**

This course provides the student with an understanding of the fundamentals required for creating a game engine. This is accomplished through the investigation of existing game engine subsystems to understand how they work along with projects to design and build individual subsystems for a student-created game engine. Students are required to demonstrate their subsystems through the use of game projects that incorporate their subsystems into a functioning game.

Prerequisite(s): CSIS3050, MATH1020.

Offered at Providence

4.5 Quarter Credit Hours

### **CSIS3070 Exploring Mobile Application Development with the I-Phone**

The purpose of this course is to make students familiar with the fundamentals of mobile platform development. This course teaches the basics of Objective-C, Cocoa Touch, and the iPhone SDK in order to explore the limitations and concerns associated with handheld device user interfaces as well as features such as acceleration detection, location-awareness, multi-touch input, and real-time notification.

Prerequisite(s): CSIS1020 or CSIS1040 or CSIS2065 or permission of department chair.

Offered at Providence

4.5 Quarter Credit Hours

### **CSIS3075 Mobile Application Development with Android**

The purpose of this course is to extend the student's programming interest and talents into the mobile platform. Students are taught to install and configure the Android development toolkit on a personal computer; and to design and code mobile applications that includes the use of services that the Android operating system provides on the mobile platform.

Prerequisite(s): CSIS2060 or CSIS2065 or permission of department chair. (HY)

Offered at Providence

4.5 Quarter Credit Hours

## **Computerized Drafting (CAD) Courses**

### **CAD1000 Computer-Aided Drafting I**

This course presents to the student the terminology, system hardware, disk operating system, AutoCAD software, and various screen displays necessary to perform the basic computer aided drafting functions.

Prerequisite(s): Corequisite: CAD1L00.

Offered at Providence, Providence CE

6 Quarter Credit Hours

### **CAD1020 Computer-Aided Drafting II**

This is an intermediate level course in which the student produces drawings in the various phases architectural, electronic, and mechanical CAD. These drawings are produced in two-dimensional views using features of the AutoCAD main menu. Students become familiar with accessing and using the drawing editor with advanced commands and an emphasis on productivity; an introduction to line and menu customization; 3D wireframe/surface/solid modeling and analysis. Related lab projects are included.

Prerequisite(s): CAD1000, CAD1L00, Corequisite: CAD1L20.

Offered at Providence, Providence CE

6 Quarter Credit Hours

### **CAD1025 Parametric Modeling**

This is an introductory course in which students use commands and techniques related to 3D modeling and analysis, and parametric drafting using parametric modeling software to create parts, assemblies and drawings to industry standards. Related lab projects are included where rapid prototyping methods such as laser cutting and 3D printing will be explored.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **CAD1030 3D Parametric Modeling**

This is an advanced level course in which students use commands and techniques related to 3-D modeling and analysis, and parametric drafting using several parametric modeling software packages to create parts, assemblies and drawings to industry standards. Related lab projects are included.

Prerequisite(s): Corequisite: CAD1L30.

Offered at Providence, Providence CE

6 Quarter Credit Hours

### **CAD1L00 Computer-Aided Drafting I Lab**

Related lab projects are developed from CAD1000 Computer-Aided Drafting I to enhance a student's ability to reinforce drafting concepts, software commands, and file management.

Prerequisite(s): Corequisite: CAD1000.

Offered at Providence, Providence CE

1 Quarter Credit Hour



**CAD1L20 Computer-Aided Drafting II Lab**

Related lab projects are developed from CAD1020 (Computer-Aided Drafting II) to enhance a student's ability to reinforce drafting concepts, software commands and file management.

Prerequisite(s): Corequisite: CAD1020.

Offered at Providence, Providence CE

1 Quarter Credit Hour

**CAD1L30 3D Parametric Modeling Lab**

Related lab projects are developed from CAD1030 Computer-Aided Drafting III to enhance a student's ability to reinforce drafting concepts, software commands and file management.

Prerequisite(s): Corequisite: CAD1030.

Offered at Providence, Providence CE

1 Quarter Credit Hour

**CAD2000 Portfolio Development**

Students are required to prepare a portfolio containing a selection of their best drawings from each of the basic drafting principles. Each student presents his/her portfolio to the instructor for critique and grading.

Prerequisite(s): CAD2020, CAD2040.

Offered at Providence, Providence CE

1.5 Quarter Credit Hours

**CAD2020 Mechanical CAD**

This course develops standard industry practices used in CAD for mechanical applications. Basic drafting topics introduced, but not limited to, are multiview projection, dimension theory and GD&T, sections, auxiliary views, pictorial drawings, basic machine parts, cams, gears, threads and fasteners. Students develop drafting conventions through sequences and revisions. Related lab assignments are based on individual projects and team projects.

Prerequisite(s): CAD1030, CAD1L30.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CAD2030 Design I: Principles of Design**

This is an introduction to the fundamental elements of the design process, basic objectives of analysis, construction and evaluation solutions. Some topics developed include the design team, components of design theory, creativity, open-ended problem solving, alternative solutions and the positioning of design in the product development scheme.

Prerequisite(s): CAD1030, CAD1L30.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CAD2040 Architectural CAD**

This course develops standard industry practices used in CAD for architectural applications. Basic drafting topics introduced include, but are not limited to, residential, commercial, structural applications for floor plans, foundation plans, elevations, sections, details and pictorial drawings. The use of national, state and legal code is integrated with theory. Related lab assignments are based on individual projects and team projects.

Prerequisite(s): CAD1020, CAD1L20.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CAD2055 Introduction to Building Information Modeling**

This course is an introduction to Building Information Modeling (BIM), which is an Architectural parametric application, from design concept to managing a completed facility. This course integrates theory and lab experiences using industry software to develop digital building models. Topics covered include but are not limited to, the history of BIM, developing building models, extracting documents and modifying building elements, presentation graphics and annotations, and integrating best practices of project management.

Prerequisite(s): Sophomore status.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CAD2059 Introduction to Computer-Integrated Manufacturing (CIM)**

This course presents students with the terminology and practical experience of following the development of a product through concept, design development, manufacturing and product distribution. Topics covered include but are not limited to, computer aided design, concurrent engineering, "just-in-time" manufacturing, materials and product management, and communication of ideas from sales representatives to production engineers.

Prerequisite(s): CAD1030, CAD1L30.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CAD2061 CAD Applications**

This course develops standard industry practices used in CAD for applications related to plumbing, electrical/electronic, HVAC, welding and sheet metal fabrication. The use of ANSI standards and building code applications are the basis for development of individual and team projects.

Prerequisite(s): CAD1030, CAD1L30.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CAD2080 CAD for Network Systems Design**

This course is an introduction to computer-aided design of logical and physical network layouts. The core of this course is basic networking documentation control and standardization as used in industry to develop a generic method of system and product development and revision procedures. Topics include, but are not limited to, standardization procedures within an organization, schematic and block diagrams of networks, bill of materials, revision of drawings, use of universal symbols, floor plans and blueprints and use of Internet sources to obtain information and send and receive electronic files.

Prerequisite(s): ITEC2081.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**CAD3015 Engineering Graphics & Design**

This course is an introduction to computer-aided design drafting for 3D parametric applications, using related equipment and software. The core of this course is basic engineering documentation control and standardization as used in industry to develop a generic method of system and product development and revision procedures. After gaining basic skills with industry standard software, students will engage in a design project that explores typical physical layout and 3D design issues commonly faced by electronics engineers. Rapid prototyping methods (including laser cutting and 3d printing) will be explored.

Offered at Providence

4.5 Quarter Credit Hours

**CAD3075 Design for Manufacturing**

This course utilizes general concepts of parametric modeling and previous design courses to determine product design solutions. Models are developed and then transformed into manufacturing models using concepts of two- and three-axis machine tool paths.

Prerequisite(s): CAD1030, CAD1L30, ENGN3130.

Offered at Providence

4.5 Quarter Credit Hours

## Counseling (CSLG) Courses

**CSLG1001 Introduction to Helping Professions**

This course is designed to develop familiarity with the specialty of the helping profession including its professional practices and issues, its basic concepts, its relationship to other specialties and fields within psychology, and its scientific and research bases. In addition, the American Counseling Association's Code of Ethics is introduced.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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): CSLG1001, PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**CSLG2035 Foundations of Mental Health Counseling**

This course provides an introduction to the nature of the work, as well as the qualifications and knowledge required of mental health counselors by the U.S. Department of Labor. The intent of this course is to provide students with basic information on the principles and practices of mental health counseling.

Topics include the history and philosophy of mental health counseling, professional identity, roles of the mental health counselor, professional ethics, managed care, various contexts of practice and organizational structures, mandated clients, crisis intervention services, prevention, consultation, and an understanding of how diversity influences the practice of mental health counseling. Particular attention is given to the practice of mental health counseling in a range of such urban settings as homeless shelters and outpatient centers.

Prerequisite(s): CSLG1001, PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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): CSLG1001, PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**CSLG2110 Introduction to Family Treatment for Addictions Counselors**

This foundational course addresses the treatment of families with substance abuse and other addictive disorders. It introduces various models and theories of counseling for families with addictive disorders; the focus will be on a family systems approach, exploring the dynamic roles that each family member plays in a multicultural society. It also examines the skills, strategies, techniques and approaches appropriate to intervention treatment as well as the twelve core functions of an addictions counselor.

Prerequisite(s): CSLG1001, PSYC1001, PSYC2040.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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): CSLG1001, PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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, posttraumatic stress disorder and professional burnout are part of the curriculum as well as theoretical and ethical implications in crises.

Prerequisite(s): CSLG1001, PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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 both experiential training in group facilitation, with opportunities to practice effective strategies by exploring task facilitation, psycho-educational counseling, and psychotherapy groups.

Prerequisite(s): CSLG1001, PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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): CSLG1001, PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**CSLG4099 Internship in Counseling Psychology**

Internship in Counseling Psychology 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 will meet with students in a weekly seminar in which counseling methods and techniques are critically analyzed and further developed. Students must complete 150 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 130 hours of course work, 3) have the permission of the program director and faculty advisor and 4) have successfully completed the courses, CSLG3001, Introduction to Case Management, and PSYC2002, Abnormal Psychology. Those who do not qualify for the internship will be required to take three additional program related classes in lieu of the internship.

Offered at Denver, Providence, Providence CE

13.5 Quarter Credit Hours



**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  
4.5 Quarter Credit Hours

**CSLG5170 Multicultural Counseling: Theories and Techniques**

This course is designed to sensitize students to the roles of societal power disparities, therapist's racial identity and awareness, ethical/legal considerations and the role 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, LGBTQT, and persons with disabilities is examined.

Offered at Providence  
4.5 Quarter Credit Hours

**CSLG5250 Professional Orientation and Ethical Practice**

This introductory graduate counseling course is designed to provide students with an orientation to the field of counseling. It will familiarize students 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 on-going self-evaluation of the student's attitudes, values, interpersonal skills, and motives for choosing counseling as a potential profession.

Offered at Providence  
4.5 Quarter Credit Hours

**CSLG5300 Advanced Individual Counseling Theory and Techniques**

This advanced 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 will consistently examine the means through which the traditional theoretical perspectives attempt to produce change.

Offered at Providence  
4.5 Quarter Credit Hours

**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 and will focus on defining, experiencing, and working with the body-mind connection. The course will review modalities and techniques, validated by neuroscience, that have an integrative effect on the body-mind connection. Further, the course will 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 psychosocial adjustment of clients.

Offered at Providence  
4.5 Quarter Credit Hours

**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  
4.5 Quarter Credit Hours

**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  
4.5 Quarter Credit Hours

**CSLG5500 Advanced Group Counseling Theories and Techniques**

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 will be developed through a combination of discussions, demonstrations, videos, experiential opportunities, and practice. Co-leadership is utilized in the classroom in conducting group therapy. The student will 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 will be discussed.

Prerequisite(s): CSLG5300.

Offered at Providence  
4.5 Quarter Credit Hours

**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 150 clock hours over the academic term. Each student's practicum includes all of the following: 1) direct service with clients contributing to the development of counseling skills, 2) weekly supervision by a program faculty member and a site supervisor, 3) group supervision, 4) development of audio/video recordings of the student's interactions with clients, and 5) evaluation of the student's counseling.

Prerequisite(s): CSLG5250.

Offered at Providence  
4.5 Quarter Credit Hours

**CSLG6100 Advanced Co-Occurring Disorders & 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. It includes an integrated approach to address the issues accompanying the illness. Emphasis will also be placed 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  
4.5 Quarter Credit Hours

**CSLG6150 Advanced Individual Mental Health Counseling**

This course (1) expands and refines the basic listening and attending skills learned in Advanced Individual Counseling Theories and Techniques (2) focuses on therapist variables, self-knowledge and the counseling relationship as the essential elements for effective mental health counseling and (3) further develops students' knowledge of mental health diagnoses and treatments learned in 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 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): CSLG5300, CSLG5400.

Offered at Providence  
4.5 Quarter Credit Hours

**CSLG6200 Counseling the Chemically Dependent and Their Families**

This advanced course in counseling the chemically dependent and their families 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, skills for addressing and treating addictive family systems and gauge the efficacy of current family counselling 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

4.5 Quarter Credit Hours

**CSLG6250 Mental Health Counseling Case Management and Professional Development**

This course is designed to teach community mental health counselors the skills required for ethical and effective client case management. Students will focus on reviewing and creating ethical and legal case management documents, such as intake forms, treatment plans, screening and assessment tools, progress notes, referral and consultation documents, and other forms. Emphasis is placed on the similarities and differences among case management forms in reference to the type of agency offering services, and whether or not third party reimbursement is expected. Developing client advocacy and interagency collaboration skills is highlighted.

Prerequisite(s): CSLG5250, CSLG5400.

Offered at Providence

4.5 Quarter Credit Hours

**CSLG6300 Chemical Dependency Case Management and Professional Development**

This advanced course focuses on professional case management, duties and responsibilities, including patient record keeping, documentation, treatment planning, and the referral process and discharge summations. Students address skills and behaviors for professional development including patient confidentiality, accuracy and professionalism in preparing intake, screening and progress reports relating to patient goals and outcomes. The significance of dual relationships, transference and counter transference and boundary setting is examined. Emphasis is placed on respect and rights for patients and professional behavior for counselors in all settings and situations. Legal, ethical and advocacy issues in patient treatment is addressed.

Prerequisite(s): CSLG5250, CSLG5400.

Offered at Providence

4.5 Quarter Credit Hours

**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

4.5 Quarter Credit Hours

**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 development of intrapersonal intelligence: time-management skills, self-care skills, and personal leadership style exploration. Students will develop and articulate a personal leadership style through readings, reflections, and exercises in communication and leadership effectiveness.

Prerequisite(s): CSLG5250, CSLG5300.

Offered at Providence

4.5 Quarter Credit Hours

**CSLG6800 Special Topics in Counseling**

Special Topics in Counseling are a series of courses encompasses a wide and complex range of topics. Each course presents students and faculty alike with a unique opportunity to examine revolving areas of current and relevant counseling theories and techniques. Areas of specialized counseling topics include but are not limited to: Counseling Veterans, Grief and Loss Counseling and Trauma Counseling.

Prerequisite(s): CSLG5300, CSLG5400.

Offered at Providence

4.5 Quarter Credit Hours

**CSLG6899 Counseling Internship**

Internship defined: a distinctly defined, post-practicum, supervised "capstone" clinical experience in which the student refines and enhances basic counseling or student development knowledge and skills, and integrates and authenticates professional knowledge and skills appropriate to his or her program and initial postgraduate professional placement (CACREP Standards, 2009) Students may do one internship at one site to complete the required 600 experiential field hours or they can spread the internship over multiple sites/terms as long as they meet the total 600 hours required by CACREP. This course provides the student with the practical application of the theories, skills, and knowledge gathered over the period of training in the counseling psychology program. The student spends a time period in a clinical setting as a counselor under the supervision of mental health professionals. There is a requirement that the student complete a minimum of 300 clock hours within the placement setting. 240 hours must be in DIRECT SERVICE. Direct Service includes the following activities: a. Conducting or directly participating in individual counseling b. Conducting or participating directly in group counseling c. Conducting interviews or participating in interviews d. Administering measures/tests directly to patients.

Prerequisite(s): To be eligible for this internship, students must: 1) have completed 30 hours of graduate level course work, 2) have successfully completed CSLG5899, Counseling Practicum, and 3) have permission of department chair and faculty.

Offered at Providence

4.5-9 Quarter Credit Hours

**CSLG6900 Comprehensive Review**

The purpose of the counselor examinations are to assess knowledge, skills, and abilities viewed as important for providing effective counseling services. The comprehensive examinations are designed to be general in nature. They are intended to assess cognitive knowledge which should be known by all counselors regardless of their individual professional specialties. This course review is designed to prepare students for the required certification and licensing exams. The review will address all requisite areas for the NCC and NCMHCE examinations. Study guides and sample examinations will be presented in preparation.

Prerequisite(s): CSLG6899, minimum of 81 graduate credits.

Offered at Providence

0 Quarter Credit Hours

## 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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**CJS3099 Criminal Justice Internship**

Selected Criminal Justice students serve a one-term internship in an approved criminal justice facility such as police department, correctional facility, juvenile correction facility, probation and parole department or private security facility. The internship is designed to give students the opportunity to apply their formal education to actual work situations. The student intern works under the supervision of a criminal justice professional. The student intern shall maintain a written log throughout the term of the internship.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a 2.75 cumulative GPA during the entire pre-program application process, 2) have completed 90 hours of course work or permission of department chair, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Denver, North Miami, Providence, Providence CE

4.5-13.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**CJS3810 Topics in National Security**

This course provides senior-level students with an analysis of the realignment of law enforcement assets at the federal and local levels providing homeland security in today's environment. The course also includes historical background information and topics concerning the basic information-gathering process. The focus on the importance and necessity of information intelligence, domestic and international terrorism and counter-terrorism, infrastructure protection and disaster preparedness, is comprehensive in this course. Students are introduced to the planning, process and procedures necessary for the new routes of cooperation and information sharing in law enforcement as well as within federal agency environments.

Prerequisite(s): LAW3025, senior status.

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **CJS4030 Criminal Justice Research Methods**

This course provides students with an understanding of the purposes behind criminal justice research, the concepts and logic of research designs, and experimental research designs. This course includes an in-depth presentation of sampling in social science research. The goal is to familiarize students with research methods in order to lay the groundwork for designing research projects, as well as to interpret research designs in depth.

Prerequisite(s): Senior status or permission of department chair. (HY)

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **CJS4033 Terrorism**

This course is a study of terrorism from its earliest history into the post-9/11 21st century. It examines religious and political motivations for terrorism as well as the rationalization for such activity. It looks at the networking of nations, states and organizations in the acquisition of goods and finances to fund their organization. The course also looks at weapons of mass destruction, security measures and counterterrorism.

Prerequisite(s): Junior status.

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **CJS4040 Criminalistics**

This course provides the student with a broad outline of key topic areas that encompass the study of forensic science. It emphasizes the application of forensic sciences and its role in criminal investigation. Topics include the scope, history and basic methods of evidence recognition, collection, identification and preservation. Basic forms of physical evidence most commonly encountered at crime scenes are discussed along with their respective value in the investigative process.

Prerequisite(s): CJS3075.

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **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 Denver, Providence, Providence CE

4.5 Quarter Credit Hours

### **CJS4060 Advanced Topics in Criminalistics**

This advanced course presents specific topics in the advanced study of forensic science over two terms. Students are presented with 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, questioned documents, cyber technology, forensic applications of the social science, and legal and ethical issues in forensic science.

Prerequisite(s): CJS4040.

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **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): CJS4030.

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **CJS5760 Technology and GIS in the Criminal Justice System**

This course is designed to give students a glimpse into how technology is being used in the criminal justice system and the social issues stemming from that use. Broken into two parts, students first examine basic controversies surrounding technology as it relates to citizen rights and its use in policing, courts and corrections. The second section dives into the widespread practice and theory of using geographic information systems/science (GIS) in crime mapping. Students are expected to read up-to-date academic literature on current discussions surrounding each section and defend positions on the favorability of its use or application.

Prerequisite(s): CJS5500. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

## **Culinary Arts (CUL) Courses**

### **CUL1015 Introduction to Culinary Foundations**

Students learn techniques practiced in the professional kitchen: the craft, tools, food safety and sanitation, basic knife skills and mise en place. Students are introduced to moist cooking techniques of boiling, simmering, poaching, steaming, blanching/shocking and sweating while the basic preparations of stocks, soups and classic sauces are introduced. Culinary science, sensory analysis and sustainability are explored.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

### **CUL1035 Culinary Fundamentals**

Students investigate and practice the cooking techniques of grilling, sautéing, baking, braising, stewing, broiling, roasting and frying while producing and tasting complimenting contemporary sauces. Vegetable and starch cuts and cookery are demonstrated and practiced. Students practice reading and writing standardized recipes, as well as recipe scaling and costing.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

### **CUL1055 Cooking in Today's Restaurant: Breakfast & Lunch**

Students practice the cooking techniques introduced in Foundations and Fundamentals using breakfast, brunch and lunch cookery. Product preparations include eggs, sandwiches, quick breads, soups, and vegetable cookery. Standard plate presentation, recipe costing and discussion of nutritional needs are explored.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

### **CUL1075 Cooking in Today's Restaurant: Dinner**

Students continue to develop the ability to competently execute the production skills required for a successful culinary career. Emphasis is on braising, stewing and roasting and the preparation of accompanying sauces.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

### **CUL1095 Cooking in the Global Marketplace**

Basic nutrition and healthy eating concepts are investigated as students explore traditional ethnic ingredients from cuisines around the world to produce meat-minimalistic menus and recipes highlighting vegetables, legumes and grains. Sourcing food locally, seasonal menus, and sustainability in the foodservice industry are discussed.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours



**CUL1115 The Science of Cooking and Sensory Analysis**

Guided by the scientific method, students discover the basic functions of ingredients and cooking methods by conducting experiments to compare and contrast how food products change through various cooking techniques. Emphasis is on the sensory evaluation of food, the development and use of sensory terminology, and real-world restaurant applications of recipe modification and problem solving.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL1135 Purchasing, Product Identification & Protein Fabrication**

Students study the flow of goods and food safety concepts within the purchasing, receiving, storing and distribution functions. Comprehensive purchasing is discussed. Through demonstrations and experience-based production, students engage in identifying, handling and fabricating proteins, dry-goods and staples. Students review and discuss quality standards, yields, costing, packaging and labeling.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL1325 Essentials of Dining Service**

Learn and practice the skills of front-of-the house (FOH) operations and professional dining and beverage service techniques reflecting contemporary practices. Etiquette, quality service and guest relations, effective communication skills, critical thinking, check handling and point of sale systems are emphasized.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL1345 Foundations of Baking & Pastry**

Production includes basic breads and rolls, laminated dough, muffins, quick breads, cookies and pies. Proper use of the baker's scale, liquid measurement and equipment identification are a primary focus for this course.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL1365 Exploring Beverages**

Students will be introduced to the production methods and service of non-alcoholic beverages, beer, wine, and spirits. Students will be able to identify beverages using sensory evaluation techniques, and will be exposed to beverage costing, and profitability. Students will also take the ServSafe® Alcohol certification course and exam.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL2215 The Craft of Garde Manger**

Learn and develop the craft of garde manger utilizing both traditional and contemporary techniques in cooking, preservation, forcemeat production and charcuterie, while applying the concept of "total utilization". Using marketable displays, the preparation and presentation of hot and cold hors d'oeuvres, fresh cheeses and cold sauces is practiced.

Prerequisite(s): Completion of all freshman labs (or concurrent with dean approval).

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL2235 Contemporary Service and Restaurant Supervision**

Students will expand their understanding of guest satisfaction through various applications of restaurant service. They are also introduced to basic supervisory concepts including: front of the house expenses, operational procedures and financial responsibilities. Students will evaluate food and beverage profitability. Students will further their understanding and application of food and beverage pairing.

Prerequisite(s): Completion of all freshman labs (or concurrent with dean approval).

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL2245 International Cuisine and Culinary Cultures**

Explore the most influential cultures and flavor profiles from around the globe. Learn to identify the distinctly different and common ingredients that identify each major cuisine, while practicing traditional and modern techniques to produce contemporary restaurant quality menu items.

Prerequisite(s): Completion of all freshman labs (or concurrent with dean approval).

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL2255 Advanced Pastry**

Emphasis is placed on the production of creams, ice creams, sorbets, mousse, chocolate, strudel, filo (phyllo), sauces and plated desserts. Daily presentation of individual desserts and creative plate presentation are featured.

Prerequisite(s): Completion of all freshman labs (or concurrent with dean approval).

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL2265 Classical Cuisines of France and Italy**

Students explore the classical cuisines of France and Italy. Students learn to identify the shared and defining ingredients and flavor profiles of the cuisines while practicing traditional and modern techniques to produce contemporary restaurant quality à la minute plates.

Prerequisite(s): Completion of all freshman labs (or concurrent with dean approval).

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

3 Quarter Credit Hours

**CUL2386 Culinary Arts International Exchange**

The Ireland International Exchange program combines practical and educational learning experience. Emphasis is placed on providing students with hands-on learning in preparing and serving food and beverages.

The practical training takes place in some of Ireland's most prestigious hotels. Other learning takes place in regional education centers. The Azores Exchange program takes place at Escola De Formacao Turistica E. Hoteleira. The academic curriculum develops a student's practical and cognitive skills through the planning and preparation of entire meals. Cultural culinary experiences enhance the program through various field trips, seminars and demonstrations.

Prerequisite(s): Completion of all freshman-level course work.

Offered at Charlotte, Denver, North Miami, Providence

13.5 Quarter Credit Hours

**CUL2626 Culinary Arts Internship**

This intermediate level work-experience course is designed to provide students with a hands-on learning experience in the food service industry. Students apply theoretical knowledge of culinary arts, demonstrate practical skills of production, and practice professionalism in a university-approved industry setting. Upon completion of this term-long course, students gain a broader understanding of the demands and expectations of the food service industry while improving their skills in the craft of culinary arts.

Prerequisite(s): Completion of all freshman-level courses; site selection is dependent upon GPA. A minimum GPA of 2.75 may be required for certain site selections.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

6.75-13.5 Quarter Credit Hours

**CUL3020 Foundations of Wine**

This course introduces the student to a systematic sensory 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 and 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.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**CUL3055 American Cuisine Today**

Students engage in research and discussion of American regional cuisines. Class activities include discussions of indigenous and emigrant cultures, geographical implications, ingredients, religion, and cooking techniques and their influence on cooking and dining as they occurred during the development of America.

Prerequisite(s): A.S. degree in Culinary Arts.

Offered at Denver, North Miami, Providence

3 Quarter Credit Hours

**CUL3075 À La Carte Cuisine: Europe**

Students are guided through planning and producing menu items in an à la carte setting. Emphasis is placed on traditional and contemporary European dishes. Sales forecasting, speed and accuracy of production, plate presentation, communication and efficient service are key elements of study.

Prerequisite(s): A.S. degree in Culinary Arts.

Offered at Denver, North Miami, Providence

3 Quarter Credit Hours

**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.

Student teams 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.

Prerequisite(s): Junior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**CUL3093 Coffee, Tea and Non-alcoholic Beverage Specialist**

The role of non-alcoholic beverages in profitable beverage programs is a focus of this course. 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 beverage to the on-premise market.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**CUL3095 Designing Contemporary Plated Desserts**

This course covers the preparation and presentation of contemporary plated desserts using sensory analysis applications to achieve well-rounded flavor and plate profiles. Emphasis is placed on development of a flavor palette using both sweet and savory spices, herbs and cooking techniques of various regions and countries of the world.

Prerequisite(s): Junior status.

Offered at North Miami, Providence

3 Quarter Credit Hours

**CUL3123 Italian Culture & Cuisine**

This term-abroad course offers an integrated curriculum incorporating theoretical and practical instructions on the art of Italian cuisine, food and wines. The course concentrates on the cuisine and culture of the many regions of Italy.

Prerequisite(s): 2.75 cumulative GPA, permission of dean or department chair, A.S. degree in Baking Pastry Arts or Culinary Arts.

Offered at Charlotte, Denver, North Miami, Providence

13.5 Quarter Credit Hours

**CUL3144 Farm to Table Desserts**

This course focuses on the creation of plated desserts around seasonal produce and artisan products from a modern perspective. Emphasis is placed on incorporating fresh fruits and vegetables, whole grains, and artisan products. Students explore extending the seasonality of desserts through food preservation. Fundamental as well as innovative pastry techniques are covered in lecture and daily production. Students apply their knowledge by creating and executing a contemporary multi-course dessert tasting menu.

Prerequisite(s): CUL3250 (or concurrent), A.S. degree in Culinary Arts.

Offered at Charlotte, North Miami, Providence

3 Quarter Credit Hours

**CUL3155 Vegetarian Cuisine**

Daily production focuses on the types and the 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): Junior status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**CUL3165 Light and Healthy Desserts**

This course uses guidelines for healthier desserts as a framework for daily production. Students produce original desserts that are healthier than traditional desserts and modify formulas to create desserts that are gluten-free, reduced fat, reduced sugar and vegan. Advanced pastry techniques are introduced as a means of producing desserts in line with current industry trends. Students create and execute a multi-course dessert tasting menu that aligns with the guidelines for healthier desserts.

Prerequisite(s): NUTR2001, junior status.

Offered at Charlotte, Denver, North Miami, Providence

3 Quarter Credit Hours

**CUL3175 Designing Healthy Desserts**

This course presents methods to develop desserts by either creating new desserts that are healthy or by substituting ingredients in traditional desserts to make them conform to specific dietary restrictions. The daily production focuses on modifying ingredients in desserts while retaining quality, quantity, variety 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 dessert presentations.

Prerequisite(s): NUTR2001, junior status.

Offered at Denver, Providence

3 Quarter Credit Hours

**CUL3200 Plant-Based Cuisine**

Daily production will focus on the types, preparation and nutritional aspects of plant-based foods, diets and cuisine ranging from vegetarian to meat-minimalistic. Students will investigate the reasons why people choose plant-based diets and how to market plant-based menu items. Topics will include: cultural and global perspectives, economics, health, growing conditions, farm-to-table cuisine, sustainability, and current industry trends.

Prerequisite(s): CUL3250 (or concurrent), A.S. degree in Culinary Arts.

Offered at Charlotte, North Miami, Providence

3 Quarter Credit Hours

**CUL3223 A Peruvian Culinary Experience**

This course seeks to demonstrate the richness of Peruvian cuisine by recognizing the basic characteristics that are part of Peruvian food and culture. The course provides the demonstration of techniques, classroom practice, and real-world experiences in the wide range of food and beverages, culture, and nuances of ancient Peruvian and South American cuisine, traditional, contemporary and avant-garde.

Prerequisite(s): Approval of the dean, A.S. degree in Culinary Arts or Baking Pastry Arts.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

13.5 Quarter Credit Hours

**CUL3250 Sustainability in the Culinary Kitchen**

This course defines, explores and explains sustainable foods as they relate to the roles and responsibilities of future chefs and foodservice managers. Students explore the national and global economic, agricultural, political and ethical issues regarding the use of sustainable foods in the food service industry.

Prerequisite(s): A.S. degree in Culinary Arts.

Offered at Charlotte, North Miami, Providence

4.5 Quarter Credit Hours



**CUL3300 Conscious Cuisine**

Advanced techniques of seasonal, local and sustainable food preparation, recipe and menu development will be practiced. Students will research, adapt, create and produce full flavored, seasonal recipes and articulate the connection these dishes have to local farms, locally raised animals and the surrounding waters. Emphasis will be given to the utilization of in house produced artisan products and charcuterie.

Prerequisite(s): CUL3250 (or concurrent), A.S. degree in Culinary Arts.

Offered at Charlotte, North Miami, Providence

3 Quarter Credit Hours

**CUL4010 Advanced Buffet and Special Function Operations**

In this course students work collaboratively to plan and create high-quality catering functions and buffets. Emphasis is on learning the principles of development, management, delivery, presentation and high-quality food styling.

Prerequisite(s): Junior status.

Offered at Denver, North Miami, Providence

3 Quarter Credit Hours

**CUL4020 New World Wines**

This course offers the student an advanced understanding of New World wines (in particular the US with emphasis on California, Australia, New Zealand, South Africa, Chile and Argentina), 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. 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 or CUL4960.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**CUL4030 Old World Wines**

The student will develop an advanced understanding of Old World wines. Students will examine production methods, trace the evolution of various appellation of origin classification systems, and explore the concept of terroir. The student will explore wine production in areas such as France, Germany, Italy, Spain, Portugal, Greece, and other traditional regions. For each region, students will explore the historical context, as well as modern industry structures and trends. 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 or CUL4960.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**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. Advanced 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 take the practical exam for the International School of Mixology Bartending Certification.

Prerequisite(s): Junior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**CUL4065 Foods of Asia and the Orient**

Students explore the planning and preparation of advanced menus reflecting influences from the countries of Asia. In an à la carte setting, this class provides students with a solid understanding of Asian food culture, cooking techniques, ingredients and dining styles. Emphasis is on the cuisines of China and Taiwan, Japan and Korea, Indonesia, Philippines, Malaysia, Singapore, Thailand, Vietnam, Kampuchea, Laos, India, Pakistan, and Sri Lanka. Emphasis is on the use of indigenous ingredients and cooking techniques and the fusion of Asian cuisine into modern American cookery.

Prerequisite(s): A.S. degree in Culinary Arts.

Offered at Denver, North Miami, Providence

3 Quarter Credit Hours

**CUL4080 Beer Sommelier**

This course explores modern beer sales and service methods through case studies and real-world application of beer service principles. Students employ critical thinking to troubleshoot and critique issues concerning production, storage, service and sales. Students evaluate the management of retail beer operations through analysis of facilities and menu design, beer and food pairing strategies, accurate sales descriptions, and responsible alcohol service. Upon successful completion of this course, students may be prepared to sit for the Certified Cicerone examination.

Prerequisite(s): CUL3092, junior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**CUL4085 Dining Room Supervision**

This course is designed to instruct students in the art of dining room supervision in both à la carte and banquet environments. The principles of staffing, station management, reservation management, cash control and payment processing are studied. Students perform all functions in a dining room setting.

Prerequisite(s): A.S. degree in Culinary Arts.

Offered at Denver, North Miami, Providence

3 Quarter Credit Hours

**CUL4111 Product Design and Development**

This upper-level course builds on and applies knowledge and skills introduced in several previous courses, including Principles of Food Product Development, Food Science, and Nutrition and Sensory Analysis. Students strengthen their laboratory skills as they work in teams, designing and developing a food product from concept through product optimization. Student teams complete difference sensory tests, accelerated shelf life tests, competitive analyses, and performance tests on their products. They design labels for product packages, following current food regulations and using ESHA Genesis software. Additionally, they use Microsoft Excel software to create formulas and generate costing information. The teams present their concepts, optimized products and project reports to the university community at the end of the term. This class is conducted in a non-production kitchen that simulates the environment of a product development laboratory. It includes lecture, lab, group work and the use of the Internet to research topics relevant to students' group projects.

Prerequisite(s): FSM3025, NUTR3510.

Offered at Charlotte, Denver, Providence

4.5 Quarter Credit Hours

**CUL4155 Athletic Performance Cuisine**

This laboratory course emphasizes the importance of how food can enhance athletic performance. This course focuses on creating menus specifically geared for the training tables of various sports. Students utilize and apply their knowledge of nutrition, biochemistry, anatomy and physiology to develop individual assessments and menus for specific disciplines.

Prerequisite(s): NUTR3030, SCI3040, senior status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**CUL4175 Spa Cuisine**

Advanced techniques of nutritionally sound food preparation and menu development, as reflected in current research, are discussed. Students explore the unique flavor systems of the world as they impact ethnic cuisine. Emphasis is on redesigning recipes which maintain the integrity of unique cultural flavors while adapting current nutritional research to health and well-being. Applications focus on recipe and menu development as it applies to current spa cuisine models.

Prerequisite(s): CUL3155, CUL3175, senior status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**CUL4185 Sommelier Capstone**

This course provides a comprehensive overview of wine knowledge, sales and service techniques giving students the ability to select appropriate beverages emphasizing wines for on-premise programs. 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. Liquor liability and responsible service is emphasized throughout.

Prerequisite(s): CUL4020 or CUL4030.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**CUL4198 Advanced Culinary Nutrition Internship**

This capstone course provides the student with experiential learning in diverse domestic and international industry work settings. Students apply their theoretical and practical nutrition knowledge under the supervision of a qualified industry professional.

Prerequisite(s): NUTR4030 (for clinical internship) or CUL4175 (for spa cuisine) or CUL4155 (for sports nutrition) or CUL4111 (for research development), 3.25 cumulative GPA for international placement, senior status.

Offered at Denver, Providence

13.5 Quarter Credit Hours

**CUL4960 Sommelier Training - Germany**

This academically challenging program gives students the opportunity to study wines from around the world at an internationally recognized wine school based in Koblenz, Germany. Participants have three weeks of lectures and classroom presentations by experts in the field. Evening excursions to neighboring wineries on the Mosel and Rhine rivers are included. Classes are augmented with one week of traveling throughout the neighboring wine-producing regions of Europe, including Switzerland and France. There is a comprehensive exam at the completion of the course and a wine certificate is awarded.

Prerequisite(s): Approval of the dean, 2.75 cumulative GPA, A.S. degree in Culinary Arts.

Offered at Charlotte, Denver, North Miami, Providence

13.5 Quarter Credit Hours

**CUL4966 Pan Asian Cuisine**

This course offers an integrated curriculum incorporating theoretical and practical instructions on the art of Pan Asian Cooking. The course concentrates on the cuisine and culture of Singapore, China, India, Malaysia, Indonesia, Thailand and Indochina.

Prerequisite(s): Approval of the dean, 2.75 cumulative GPA, A.S. degree in Culinary Arts.

Offered at Charlotte, Denver, North Miami, Providence

13.5 Quarter Credit Hours

## Culinary Nutrition (NUTR) Courses

**NUTR2001 Introduction to Nutrition**

This course emphasizes the principles of nutrition and the six basic nutrients and related health concepts. Various eating behaviors, recommended dietary intakes, and tools for diet planning are explored. Students create an in-depth computerized personalized nutrient profile, which will be self-analyzed for nutritional adequacy. (HY)

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**NUTR3030 Nutrition Assessment**

The junior-level course is designed to study the cultural, economic and physiological impact of food on the individual. Focus is on the measurement of techniques to evaluate nutritional status. Interrelationships between nutrition-related diseases and current diet recommendations are explored.

Prerequisite(s): NUTR2001, junior status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**NUTR3050 Life Span Nutrition**

This course is designed to study the significance of nutrition at specific times of growth, development, and aging. The focus is on understanding the role food plays from pregnancy to the elderly population. The relationship between nutrition and health are traced throughout the human life span.

Students apply course content to situations relevant to both community and clinical settings.

Prerequisite(s): NUTR2001, junior status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**NUTR3510 Principles of Food Product Development**

This upper-level course introduces the student to the basic principles, practices, and processes in product development labs, test kitchens, and culinary centers in the food industry. It focuses on the product development process from concept through commercialization and provides student groups the opportunity to explore the many aspects of the product development process as they research the needs of one particular target market and the technologies of one particular product category. This course includes lecture, student presentations, group work, guest lecturers, and use of the Internet to research relevant topics and technologies.

Prerequisite(s): Junior status.

Offered at Charlotte, Denver, Providence

4.5 Quarter Credit Hours

**NUTR4030 Medical Nutrition Therapy**

The 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): NUTR3030, NUTR3050, SCI2031, senior status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**NUTR4630 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): NUTR3030, NUTR4030.

Offered at Denver, Providence

4.5 Quarter Credit Hours

## Digital Media (DME) Courses

**DME1000 Foundation Drawing and Digital Tools**

As a prerequisite to all design thinking, drawing skills offer an effective means of prototyping visual solutions before committing them to software.

Students practice the essential visual elements of design including shape, line, value and perspective. Based on graphics industry models, students actively experience compositional and thematic principles as a means of developing flexible approaches to design strategy. Students create initial sketches on paper then learn techniques to digitize files into common software applications. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence

4.5 Quarter Credit Hours

**DME1020 Design Perspectives**

This course provides students with an overview of design industries, historical art movements and styles, current design trends, and industry professionals, as well as critical brainstorming and thinking techniques. Students participate in a number of project-oriented experiences to explore, learn and develop basic skills and practices to be successful in the program and industry.

Through experience-based projects in a collaborative learning space, students are exposed to all critical components of success in a university-level design program. Work includes art analysis, public speaking experience, creative research, problem solving and team building exercises. Students are coached and encouraged to provide solutions for design problems ranging from 2D to 3D. This course prepares students for success in the challenging Graphic Design & Digital Media curriculum, university academics and industry career paths.

Offered at Denver, North Miami, Providence

4.5 Quarter Credit Hours

**DME1030 Principles of Composition & Design**

This is a foundation course wherein students investigate the fundamental creative design principles and theories that underlie creative industry work, focusing on various forms of print. This course is project-based with assignments introducing branding, Web layouts, packaging templates, integration of programs and hand-done elements. Students are introduced to image editing software as it pertains to editing, with illustration software being the main focus. This course provides a foundation to any higher-level course in the degree program.

Prerequisite(s): DME1020, MCST1030 or any FIT course.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**DME1040 Screen Design & Coding I**

This course aids students in using client side coding languages (i.e., HTML, CSS) to develop design solutions for multiple digital formats including Web browsers, tablets and mobile devices. Student combine research, contemporary visual approaches, compositional design principles, grid-based frameworks and responsive coding practices to develop screen-based solutions for various digital formats. 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.

Prerequisite(s): DME1050.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**DME1050 Imaging for Digital Media**

This course presents an in-depth investigation into the acquisition, creation, manipulation and distribution of raster-based images. Students learn techniques in digital photography and scanning and best practices in preparing images for distribution in print and digital media formats. Emphasis is placed on creative projects investigating photomontage/layering techniques and the development of essential frameworks for designing prototypes for websites, mobile applications and motion graphics.

Prerequisite(s): ADV2001 or DME1000 or MCST1030.

Offered at Denver, North Miami, Providence

4.5 Quarter Credit Hours

**DME1060 Screen Design & Coding II**

In this course, students advance their knowledge of client side coding languages (i.e., HTML, CSS and Javascript) to develop design solutions for multiple digital formats including Web browsers, tablets and smart phones. Students continue to apply solid compositional approaches while incorporating design approaches specific to the medium. Focus is on user experience, usability, responsive coding practices and front-end frameworks. Emphasis is on understanding and applying current practice in planning and design, as well as securing an advanced vocabulary in the code required to present these solutions as planned. Students also learn to deploy and manage their sites on a working server.

Prerequisite(s): DME1040.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**DME2000 Typography and Spatial Design**

This course presents an in-depth study of typography and its powerful communicative abilities. Type and text collateral are a critical platform for all forms of published communication. Type style, shape and size communicate subtle messages and convey important information. Nearly all design solutions benefit from a thoughtful and creative use of type and layout, whether on a printed page or in digital space. The relationship of typographic design to print and digital publishing is explored through project-based work.

Prerequisite(s): DME1030 or DME1050, sophomore status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**DME2020 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): DME1030 or DME1050 or (MCST1030 or COMM1030), sophomore status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**DME2025 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

4.5 Quarter Credit Hours

**DME2030 Print Design**

This course reviews print formats and typography with an emphasis on publication design, package design and branding/re-branding consistency across different mediums. Students gain further understanding of brand strategy and designing for target audiences. By the end of the course, students should be able to write a brand strategy, apply advanced typographic conventions, develop and design packaging templates, prototype print collateral with a high level of craft, and perform essential prepress production techniques.

Prerequisite(s): DME2000, sophomore status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**DME2040 Portfolio Assessment**

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 as well as enhance their portfolios with additional advanced design projects. Students begin to identify and present themselves as independent designers through the development of focused identity that carries through to all of their presentational materials. In the final week of the course, students present and defend their work to a select group of faculty and visiting professionals. 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): DME2030, sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

**DME2050 Interactive Architecture and Content Design**

This course introduces a series of techniques to conceive and plan projects in new media environments, especially those that require interactive interface. Students explore and design solutions for interactive applications, simulations, virtual immersive space and other new media uses. User interface, user experience and content strategy are introduced.

Prerequisite(s): DME1060, sophomore status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**DME3010 Design Solutions 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 dozens of nonprofit client organizations. This course is the direct, practical application of skills learned in prior academic courses and prepares students for future career success.

Prerequisite(s): DME2040, junior status.

Offered at Providence

4.5 Quarter Credit Hours

### **DME3020 Design Solutions Team II**

This course expands on the real world client projects begun in Design Solutions Team I. With faculty supervision, students complete previously initiated projects and/or engage in new team-based design projects involving print and screen media. The resulting work supports the day-to-day operations of dozens of nonprofit client organizations. This course is the direct, practical application of skills learned in prior academic courses and prepares students for future career success.

Prerequisite(s): DME3010, junior status.

Offered at Providence

4.5 Quarter Credit Hours

### **DME3050 Basics of Print Design**

This course introduces the student to the fundamental principles of print design. Using current industry standard software, students learn the essential design concepts and work flow practice used in print design. In-class demonstrations and lectures involve the introduction of design theory and practical applications of print design peripherals. Students are required to produce various types of documents using course software. Assignments are completed in class, and projects are required outside of classwork.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

### **DME3115 Technologies for Screen Design**

This course investigates contemporary processes and approaches to designing for the screen. Primary focus is on designing with the industry standard Content Management Systems. In addition, topics may be drawn from conferences, publications and the local technology community. Though this is a highly project-driven course, students also research and present their findings on recent screen design trends.

Prerequisite(s): DME2050, sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

### **DME3140 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): DME2020, sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

### **DME3210 Print Production**

This course continues to explore the graphic design field with emphasis on the production process. Students further develop proficiency in industry-standard software programs and acquire the knowledge to prepare mechanical files for print production, as well as understand the industry pre-press language and terminology and working with various vendors. This project-based course focuses on print production through the concept, development and execution of complex print design projects incorporating book design, packaging, page layout (digital and print) and brand identity and strategy. As part of this course, industry visits are planned both on and off campus. The assignments for this course are designed to reflect the same expectations, processes and tasks as those in a working design firm environment. Each project assigned focuses not only on technical ability, but conceptual thinking. The goal for this course is that each student is able to create industry-quality design pieces to add to their physical and digital portfolio. The course follows the model of demonstrations, concept development, discussion, critique and evaluation.

Prerequisite(s): DME2030, sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

### **DME3230 Advanced Print**

This course is geared toward intermediate and advanced Graphic Design & Digital Media students. Utilizing industry-standard software programs, students undertake advanced-level print design projects. Class assignments and projects explore scenarios in advertising, branding, packaging, logo design and print publishing. Students further develop sensitivity toward design and produce several professional-level design projects to help build a senior-level portfolio.

Prerequisite(s): DME3210, sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

### **DME3300 Digital Video I**

Students in this course learn advanced digital production techniques and tools for full motion, sound and video editing. Students explore current and emerging media standards and applications. Topics include converging digital media, content creation and use of new media communication tools for internet enabled application. Students work independently and on project teams.

Prerequisite(s): DME2020, sophomore status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

### **DME3310 Digital 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): DME3300, sophomore status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

### **DME4010 Design Studio I**

The course offers students the opportunity to develop breadth and deep practice in the comprehensive development of design solutions from concept to execution to presentation. Projects originate from a variety of sources. Students present and critique strategies, plans and solutions at all stages of the project throughout the term. Each project is thoroughly and professionally documented from start to finish.

Prerequisite(s): DME3020.

Offered at Providence

4.5 Quarter Credit Hours

### **DME4020 Design Studio II**

Students in this course focus on a single, multi-format comprehensive design solution that demonstrates mastery and passion for the profession of design. Projects are student originated with guidance from the faculty. Students present and critique strategies, plans and solutions at all stages of the project throughout the term. Projects are thoroughly and professionally documented from start to finish. The course concludes with a final presentation of the process and resulting solutions.

Prerequisite(s): DME4010.

Offered at Providence

4.5 Quarter Credit Hours

### **DME4050 Senior Portfolio Assessment**

This capstone course guides students 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. Portfolios consist of a minimum of 10-12 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): DME4010, senior status.

Offered at Providence

4.5 Quarter Credit Hours



## Directed Experiential Ed (DEE) Courses

### DEE3999 Directed Experiential Education

Directed Experiential Education (DEE) offers students an intensive, term-long, 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. Students can take up to three terms of this course at 4.5 credits per term.

Prerequisite(s): Faculty recommendation and approval by the department chair. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

## Economics (ECON) Courses

### ECON1001 Macroeconomics

This course is designated as the first of two courses serving as an introduction to economics. It is a survey course covering the foundations of economics and focusing on macroeconomic concepts and issues such as the features and goals of capitalism, the market system, national income, business cycles, macroeconomic theories, and monetary and fiscal policy.

Prerequisite(s): MATH1002 (or higher). (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### ECON1002 Microeconomics

This course consists of microeconomic principles and issues. Course content examines and analyzes both the product and resource markets with emphasis on demand, supply and elasticities. In addition, the costs of production and the basic market models of firms' short run and long run operations are discussed. Other topics covered include various current domestic microeconomic problems, as well as international economic issues such as international trade and foreign exchange.

Prerequisite(s): MATH1002 (or higher). (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### 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 will be discussed and analyzed to permit better insight into these issues.

Prerequisite(s): ECON1001.

Offered at Charlotte, Providence, Providence CE  
4.5 Quarter Credit Hours

### ECON3025 The Global Economy in the 21st Century

This course introduces students to the economic problems that have emerged as a result of the process of globalization. Various issues such as the growth of world population, availability of resources, problems with the environment and climate change, the state of the global economy, and problems of global security are analyzed.

Prerequisite(s): ECON1001 and ECON1002.

Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

### 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, (MGMT1001 or MGTI1000). (HY)

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

### 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 and ECON1002.

Offered at Charlotte, Providence, Providence CE  
4.5 Quarter Credit Hours

### ECON5000 Economics in the Global Economy

This course consists of micro and macroeconomic issues and principles as they apply to the development of a viable and sustainable economy. Course content includes product and resource markets with an emphasis on demand, supply, price elasticity and consumer behavior. The course includes the features and goals of capitalism, the market system, national income, business cycles, and monetary and fiscal policies as they relate to economic viability and sustainability, with a view at causal effects in the global economy. (OL)

Offered at Denver, Online, Providence  
4.5 Quarter Credit Hours

## Education (EDUC) Courses

### EDUC5120 Foundations for Learning and Teaching

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 in building a broad understanding of learning and teaching in American schools today. Through course readings and discussion, students examine a variety of issues at the forefront of school improvement efforts including standards-based curriculum, meeting the needs of diverse learners in the classroom, collaboration, formative and summative assessment, and data-driven decision-making. 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 R.I. teacher evaluation system to support their emerging understanding of the professional, educational, legal and ethical responsibilities to students and their families.

Offered at Providence

2.25 Quarter Credit Hours

### EDUC5150 Educational Psychology

This course develops a fundamental understanding of the theories and principles of psychology as applied to teaching and learning and the implications for curriculum planning. Students integrate and apply theories and principles of child and adolescent development, learning, memory, motivation, individual differences, instruction, and measurement and evaluation.

Offered at Providence

2.25 Quarter Credit Hours

### EDUC5160 Integrating Literacy in the Culinary Arts Classroom

This course assists pre-service teachers in understanding the role of literacy in the teaching and learning process in the culinary classroom. Participants identify strategies to help their students access information, improve comprehension, and communicate effectively through reading, writing, speaking, listening and critical thinking. Participants create lessons that develop the literacy abilities of their students as well as the content-specific concepts and skills of their discipline.

Prerequisite(s): EDUC5120, SPED5110.

Offered at Providence

2.25 Quarter Credit Hours

### EDUC5180 Curriculum Development for Culinary Arts Programs

This course helps students develop a standards-based culinary curriculum. Current theories and standards regarding the curriculum design process are analyzed. Students identify standards, formative and summative assessment measures, instructional strategies, and resources for student achievement.

Prerequisite(s): EDUC5120, EDUC5150, SPED5110.

Offered at Providence

4.5 Quarter Credit Hours



**EDUC5220 Strategies for Teaching Culinary Arts Mathematics**

This course is designed to critically analyze curriculum and the process of teaching and learning culinary arts mathematics. It examines current research in best practices for delivering mathematics instruction. Value is placed on thinking, reasoning, communicating mathematically among mathematical ideas and real-world situations. Standards addressed include the Rhode Island Professional Teacher Standards (RIPTS) and national and state standards for mathematics.

Prerequisite(s): EDUC5160, EDUC5180.

Offered at Providence

4.5 Quarter Credit Hours

**EDUC5240 Methods of Teaching Culinary Arts**

This methods course is designed to provide knowledge of the principles and techniques of instruction as they pertain to the experiential classroom of culinary arts. Emphasis is on long-range and daily lesson plans, methods, tools and skills of instruction and the organization of instructional materials and supplementary materials to accommodate the special needs and individual differences among students in today's diversely populated secondary school classrooms. The importance of staying abreast of professional practices, trends and research is stressed via an outside reading list.

Prerequisite(s): EDUC5160, EDUC5180.

Offered at Providence

4.5 Quarter Credit Hours

**EDUC5270 Advanced Methods of Teaching Culinary Arts**

This advanced methods course is designed to build 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 and techniques in both a lab and classroom environment. Emphasis is on understanding how students think, learn, communicate and perform culinary/pastry technical skills.

Prerequisite(s): EDUC5220, EDUC5240.

Offered at Providence

9 Quarter Credit Hours

**EDUC5310 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 for all students that serves as a foundation for the Teaching and Learning master's degree program. Emphasis is on the importance of teacher quality and developing quality teaching. Various theories and philosophies are explored to evaluate their role in accomplished teaching. Equal emphasis is also given to the critical role of research and data to guide instruction and instructional planning. Through critical analysis and course work, participants analyze and apply these understandings to their teaching context to document their emerging concept of teaching excellence. Additionally, participants begin their capstone project by identifying issues of interest within their teaching context that merit deep exploration.

Offered at Providence

9 Quarter Credit Hours

**EDUC5320 Monitoring and Managing Student Learning**

This course examines student learners, their role in the teaching and learning equation, and how teachers can impact the learning process. Focus is on the interactive nature of teaching for learning in which the teacher continuously and proactively supports student learning. Emphasis is on three major themes: 1) discovering how students learn and using this knowledge to support student learning by designing effective learning environments; 2) knowing students as individuals and how their backgrounds, strengths and challenges affect teaching and learning; 3) connecting the first two themes to discover the essential role of the teacher, actively monitoring and managing the learning environment and student learning. Through critical analysis and course work, participants analyze and apply these understandings to support student learning.

Prerequisite(s): EDUC5310.

Offered at Providence

9 Quarter Credit Hours

**EDUC5330 Standards, Curriculum and Instructional Design**

This course examines the nature and roles of standards, curriculum and instructional design in teaching for learning. The major focus of the course is on the essential integration of standards, curriculum and instructional design to facilitate deliberate and strategic planning for student learning. Emphasis is on identifying how standards support 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 and consumer, as well as critical reviewer of the three. Through critical analysis and course work, participants analyze and apply these understandings to their teaching context to document their emerging facility and expertise with standards, curriculum and instructional design.

Prerequisite(s): EDUC5320.

Offered at Providence

9 Quarter Credit Hours

**EDUC6120 Assessment for Student Learning**

This course explores how assessment and resulting data are used to guide and inform instruction. A major theme of the course is 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): EDUC5270, SPED5130.

Offered at Providence

4.5 Quarter Credit Hours

**EDUC6310 Instructional Strategies and Resources**

This course examines the field of instructional strategies and resources and their impact on student learning. The course focuses on those strategies and resources that effective teachers use to support students and their learning, such as teaching as an iterative process, and matching instructional strategies and resources with evidence of student learning. An additional theme is the intentional use of strategies and resources that are based on research, best practices, content and student needs. Equal 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 course work, 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): EDUC5330.

Offered at Providence

9 Quarter Credit Hours

**EDUC6320 Assessment for Learning**

This course examines the field of assessment, major issues and trends, and 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. Emphasis is on assessment epistemology, the variety and purposes of assessment, and how assessment and resulting data are used to guide and inform instruction. 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 rubrics, collaboratively looking at student work and the student's role in assessing their learning. Through critical analysis and course work, participants analyze and apply these understandings to their teaching context to document their emerging concept of assessment for learning.

Offered at Providence

9 Quarter Credit Hours

**EDUC6330 Capstone: Multiple Roles of Teachers**

This course explores the multiple and critical roles effective teachers engage in and fulfill to support student learning and advance the goals of the school community. The course emphasizes how and why effective teachers, beyond their instructional responsibilities, must act as learners, leaders and collaborators, professionals and connectors between the school, families and communities. While examining these various roles, participants demonstrate, share and reflect on evidence of their emerging engagement in the roles. As the last course in the Teaching and Learning master's degree program, this module allows participants to connect and synthesize learning and central themes that have evolved during their work in the program. Through critical analysis and course work, participants analyze and apply these understandings to their teaching context and develop a path for continuous future growth. Participants apply their learning to their capstone project and present their findings and recommendations.

Prerequisite(s): EDUC6320.

Offered at Providence

9 Quarter Credit Hours

**EDUC6840 Student Teaching Internship: Culinary Arts Education**

Students in this course spend 11 weeks in a teaching situation at a university site under the direct supervision of a cooperating teacher chef. Student teachers plan lessons and demonstrate their ability to teach and work effectively. During the course, students are required to demonstrate their understanding of and competence in the RIPTS standards by producing a student teacher's portfolio. Students may participate in ad hoc seminars related to their student teaching experience.

Prerequisite(s): EDUC6120, SPED6110.

Offered at Providence

9 Quarter Credit Hours

**EDUC6860 Capstone Project: Culinary Arts Education**

This capstone course affords students the opportunity to apply theory learned throughout the program and conduct new research to design a curriculum for a secondary and/or post-secondary culinary arts program. Participants engage in an action research study that results in identifying best practices in culinary education and recommendations for curriculum improvement.

Prerequisite(s): EDUC6120, SPED6110.

Offered at Providence

9 Quarter Credit Hours

**EDUC7006 Research I: Educational Research for Higher Education Leaders**

This course prepares students to identify, synthesize and analyze research and apply it to educational issues and challenges in higher education settings. Students work in these settings to identify and analyze problems, formulate research questions, critique existing research (including research that focuses on higher education issues and trends), and use research to improve policies, programs and practices applicable on their campuses.

Offered at Providence

6 Semester Credits

**EDUC7007 Research I: Educational Research for Elementary-Secondary Education Leaders**

This course prepares students to identify, synthesize and analyze research, applying it to issues and challenges in elementary-secondary education settings. Focus in the course is on identification and analysis of researchable problems and formulating research questions, critiquing existing research studies, and using research to improve policies, programs and practices at the elementary, middle and high school levels.

Offered at Providence

6 Semester Credits

**EDUC7011 Strategy & Change**

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. 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, present, and emerging trends, and on the social, economic, and political issues that are crucial for higher educational leaders to recognize and understand. Strategies and tactics needed to bring about constructive change are studied and applied. Various information sources and mechanism are used. Expansion and refinement of the knowledge, skills, and interests of students in the higher education enterprise are the goals of the course.

Offered at Providence

6 Semester Credits

**EDUC7030 Teaching and Learning 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 impacting teaching and learning in higher education. Students engage in an action research project that is centered on typical problems in teaching and learning confronting educational leaders.

Offered at Providence

6 Semester Credits

**EDUC7031 Organizational Theory and Behavior in Higher Education**

This course focuses on higher education organizational theory, behavior, and culture, with special emphasis on how leaders can effect change by developing a dynamic, holistic, systems approach to understanding and facilitating the work of the organization. Using re-framing as a lens to view organizations, the course examines the complex relationships among individuals and groups, as well as team building, decision-making, conflict resolution, strategy and policy development, and administrative management styles. Organizational development and change theory are explored with regard to traditional and evolving patterns for organizing colleges to effectively to meet current and future demands.

Offered at Providence

6 Quarter Credit Hours

**EDUC7032 Organizational Theory, Behavior, and Development in Elementary-Secondary Education**

This course focuses on the organizational theory, behavior and culture with special emphasis on how elementary-secondary leaders can affect change by developing a systemic approach to understanding and facilitating the work of the organization. Emphasis is placed on understanding and facilitating the work of organizations. Emphasis is also placed on understanding the "frameworks" (political, symbolic, human resources and structural) that affect organizations. In understanding the impact of the "frameworks", the intent is to provide the skills for leaders to re-frame existing organizations and review organizations from a different "lens" or perspective. The 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.

Offered at Providence

6 Semester Credits

**EDUC7035 Curriculum, Instruction and Assessment**

This course is designed to prepare 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. The course also provides students with opportunities to 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.

Offered at Providence

6 Semester Credits

**EDUC8007 Research II: Research Methods for Elementary-Secondary Education Leaders**

This course prepares students to design and conduct qualitative, quantitative, and mixed methods research, including program evaluations, addressed to significant educational issues and challenges in elementary-secondary settings. Students work in these settings to create research designs, collect and analyze qualitative and quantitative data, and derive findings and conclusions.

Prerequisite(s): EDUC7006 or EDUC7007.

Offered at Providence

6 Semester Credits

**EDUC8008 Research II: Research Methods for Higher Education Leaders**

This course prepares students to design and conduct qualitative, quantitative, and mixed methods research to address significant educational issues and challenges in higher education settings. This course focuses on direct application of designs and methods in preparation for the dissertation process. Students develop initial qualitative and quantitative data collection methods and complete pilot tests for their proposed study. Students are also exposed to publishing and conference presentation opportunities for their particular discipline and topic.

Prerequisite(s): EDUC7006.

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): 24 semester credit hours of doctoral study.

Offered at Providence

6 Semester Credits

**EDUC8017 Resource Planning and Management in Elementary-Secondary Education**

This course examines the foundations of school finance and business practices and how they are integral to achieving school and district goals for student learning and achievement to state performance standards. Current and prospective education leaders and school administrators investigate how school finance, budget, business management, asset protection, and facilities planning and management are vital to the teaching and learning process.

Offered at Providence

6 Semester Credits

**EDUC8026 Student Development in Higher Education**

This course focuses on the comprehensive nature of student affairs as a vital component in the evolving learner-centered environments of higher education. Students investigate and seek potential solutions to authentic problems facing leaders in student affairs, such as those concerning student enrollment management, student diversity, student induction, advising and counseling, placement testing, career development, residential life, food services, health services, student activities, Greek organizations, athletics, security and discipline. Theory and good practice are used to guide the discussion, investigate the issues, and generate alternative solutions.

Prerequisite(s): 36 semester credit hours of doctoral study.

Offered at Providence

6 Quarter Credit Hours

**EDUC8027 Family and Community Engagement**

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 school as a community center are investigated.

Offered at Providence

6 Semester Credits

**EDUC8090 Leadership in Higher Education Capstone**

This capstone builds upon the knowledge, skills and dispositions that students have acquired from other courses, independent studies, and their experiences to address authentic issues in higher education. 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 aspects of issues, on seeking appropriate research paradigms, and on defining leadership roles to facilitate realistic and creative change.

Prerequisite(s): 36 semester credit hours in the Educational Leadership Program.

Offered at Providence

6 Semester Credits

**EDUC8095 Leadership in Elementary-Secondary Education**

This course examines leadership theories and models and their applications to educational reform in elementary-secondary education. Topics addressed include: leadership styles, organizational cultures, school change strategies, leadership behaviors, leadership standards, strategic planning, 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.

Offered at Providence

6 Semester Credits

**EDUC9005 The Field Research Project**

Students or groups of students conduct an action research field project in concert with a public or private educational institution or setting. The purposes of this project are to identify a significant educational problem in the context of a local/state educational setting, to review existing theory and research, to analyze the problem, and to develop potential solutions for the problem. Students are encouraged to identify a research project early in their program. The project must be approved by the major advisor and the local/state educational setting, system or institution. The seminar series provides students with dissertation support, and moves students towards degree completion.

Prerequisite(s): All 7000 and 8000 level coursework, comprehensive exam.

Offered at Providence

6 Semester Credits

**EDUC9010 Doctoral Dissertation**

The dissertation is the refinement and publication of a field research project.

The seminar series provides students with dissertation support, and moves students towards degree completion.

Offered at Providence

6 Semester Credits

**EDUC9011 Doctoral Dissertation Advisement**

The course is provided to students after the third year to provide ongoing dissertation advisement and continuous enrollment. The seminar series provides students with dissertation support, and moves students towards degree completion.

Offered at Providence

0 Semester Credits

## Engineering (ENGN) Courses

**ENGN1001 Digital Logic Design I**

This course is an introduction to analysis and design of digital circuits. Topics include numbering systems, logic gates, Boolean algebra, MSI devices, and analysis and design of combinational circuits. This course includes the use of software tools for design, minimization, simulation, and schematic capture of digital systems. A hands-on laboratory including PLD/FPGA is integrated in which students work in teams.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN1025 Survey of Electronics**

What really happens when you turn on your stereo or light? How does my computer do the things it does? This course is designed to help the non-electrical engineer understand the basics of electrical theory from digital to solid states and beyond. Topics covered are fundamental concepts, such as voltage, current, resistance, power, frequency and the functional analysis of simple analog and digital circuits and systems. Student are introduced to electronic symbols, numbering systems, Boolean algebra, sequential circuitry, microcontrollers and basic controller programming. Instrumentation including measuring devices such as ohmmeters, voltmeters, and oscilloscopes will also be reviewed and used. This class runs in the integrated lab format so that students have the opportunity to test the theory with hardboard and simulation software.

Offered at Providence  
4.5 Quarter Credit Hours

**ENGN2000 Robotics**

This course introduces students to the basic concept and applications of robotics. The study of robotics includes the supporting disciplines of mechanics, motors, microprocessors, 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 microprocessors, microprocessor interfacing, and artificial intelligence in robotic systems is covered. Industrial applications in the areas of automotive and semiconductor manufacturing as well as medical and aerospace applications are described. The course includes a lab session on robotic work cell.

Prerequisite(s): Sophomore status.  
Offered at Providence  
4.5 Quarter Credit Hours

**ENGN2002 Digital Logic Design II**

The focus of this course is the analysis and design of sequential logic circuits. Topics include asynchronous and synchronous sequential circuit analysis and design, state machine analysis and design, and ASM design methodologies utilizing PLD and FPGA implementations. This course includes the use of software tools for design, minimization, simulation, and schematic capture of digital systems. A hands-on PLD/FPGA based laboratory is included.

Prerequisite(s): ENGN1001.  
Offered at Providence  
4.5 Quarter Credit Hours

**ENGN2003 Circuit Theory I**

This course provides a firm foundation in DC circuit analysis. The goals of this course include developing an ability to solve engineering problems to design, implement and test circuits to meet design specifications. Emphasis is upon the understanding and application of Ohm's law and Kirchhoff's Voltage and Current Laws in resistive networks. Methods of linear systems analysis are introduced including Thevenin's and Norton's theorems and the superposition principle.

Prerequisite(s): MATH1040 (or concurrent), Corequisite: ENGN2004.  
Offered at Providence  
4.5 Quarter Credit Hours

**ENGN2004 Circuit Theory I Lab**

Laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in Circuit Theory I, ENGN2003.

Prerequisite(s): MATH1040 (or concurrent), Corequisite: ENGN2003.  
Offered at Providence  
1 Quarter Credit Hour

**ENGN2005 Circuit Theory II**

This course focuses on the principles and applications of alternating current (AC) circuit fundamentals essential to the study of RL, RC and RLC circuit. 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.

Prerequisite(s): ENGN2003, ENGN2004, MATH1040 (or concurrent),  
Corequisite: ENGN2006.  
Offered at Providence  
4.5 Quarter Credit Hours

**ENGN2006 Circuit Theory II Lab**

Laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in Circuit Theory II, ENGN2005.

Prerequisite(s): ENGN2003, ENGN2004, MATH1040 (or concurrent),  
Corequisite: ENGN2005.  
Offered at Providence  
1 Quarter Credit Hour

**ENGN2007 Circuit Theory III**

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 and bipolar (BJT) transistors are examined. Circuit applications of power supplies, voltage regulation, small-signal amplifiers and power amplifiers are included.

Prerequisite(s): ENGN2005, ENGN2006, MATH1040 (or concurrent),  
Corequisite: ENGN2008.  
Offered at Providence  
4.5 Quarter Credit Hours

**ENGN2008 Circuit Theory III Lab**

Laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in Circuit Theory III, ENGN2007.

Prerequisite(s): ENGN2005, ENGN2006, MATH1040 (or concurrent),  
Corequisite: ENGN2007.  
Offered at Providence  
1 Quarter Credit Hour

**ENGN2010 Industrial Electronics**

This course includes the terminology, symbols, and applications of solid state devices used in industrial control such as switching and special purpose diodes, junction and field effect transistors, sensors, AC and DC motors, and operational amplifiers. It also includes an introduction to robots and the automation cells that use robots. Laboratory exercises, both hands-on and simulation are integrated to reinforce the theory presented in lecture with practical applications.

Prerequisite(s): ENGN2005, ENGN2006, MATH1040 (or concurrent),  
Corequisite: ENGN2011.  
Offered at Providence  
4.5 Quarter Credit Hours

**ENGN2011 Industrial Electronics Lab**

Laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in Industrial Electronics, ENGN2010.

Prerequisite(s): ENGN2005, ENGN2006, MATH1040 (or concurrent),  
Corequisite: ENGN2010.  
Offered at Providence  
1 Quarter Credit Hour

**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): MATH2040.  
Offered at Providence  
4.5 Quarter Credit Hours

**ENGN2025 Applied Mechanics I: Statics**

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, PHY1015.  
Offered at Providence  
4.5 Quarter Credit Hours



**ENGN2030 Electronic Communications**

This course introduces students to the theory and applications of electronic communications. Topics include review of electromagnetic theory and the principle of modulation and demodulation including amplitude, frequency and phase modulation. Principles of signal transmission and reception including DSB and SSB communication and description of basic hardware are covered. Computer simulations are used to illustrate various concepts regarding transmission and reception of signals, modulation and demodulation, and spectrum analysis of signals.

Prerequisite(s): ENGN2007, ENGN2008.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN2032 Industrial Robotics**

This course includes an introduction to industrial robots, work cell integration, and manufacturing concepts and control. Students will explore how robots integrate into industrial production and control and how communications among Computer Numerical Control (CNC) machines, sensors, and robots combine to make work cells. Laboratory exercises, both hands-on and simulation are integrated to reinforce the theory presented in lecture with practical applications.

Prerequisite(s): ENGN2000, ENGN2005, ENGN2006.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN2035 Programmable Logic Controllers**

This course is an introduction to programmable logic controllers (PLCs). It focuses on how PLC's 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): ENGN2005, ENGN2006.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN2045 Computer Vision**

This course provides an introduction to the basic elements of computer vision to all majors. Emphasis is placed on intuitive and practical aspects of computer vision with very limited theory and math. The course involves intensive computer lab work and may include a project using the vision system of the "Mentor" robot that is used in the robotic course. The computer lab includes some applications in image processing.

Prerequisite(s): CSIS1020 or CSIS1040.

Offered at Providence

4.5 Quarter Credit Hours

**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 are discussed. Some probability theory and Bayesian analysis is covered in the course. Illustration and projects use the Neural Network and Image Processing toolbox of MATLAB.

Prerequisite(s): CSIS1020, MATH1030.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN2070 Signal Transmission**

The course provides in-depth knowledge in both theory and applications of signaling and transmissions. Topics include signals, basic signal conversions, analog and digital signal transmissions, interfacing, switching principles and photonic switching.

Prerequisite(s): ITEC1020, MATH1020 or higher.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN2075 Microcontrollers I**

This is an introductory course in microcontrollers. Topics covered include microcontroller architecture, instruction set, assembly language programming, subroutines, basic microcontroller peripherals, the interdependence of hardware and software, input/output subsystems, and microcontroller application development tools and platforms.

Prerequisite(s): ENGN1001, ENGN2002.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN2080 Microcontrollers II**

This is an advanced course in microcontrollers. Topics covered include interrupts, high-level language programming, advanced microcontroller peripherals, interfacing concepts, and performance optimization.

Prerequisite(s): ENGN2075.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN2085 Introduction to Embedded Systems**

This is an introductory course in embedded systems, which is a project-oriented design course. Topics covered include embedded system architectures, memory systems and managements, sensors integrations, power managements, software development tools and platforms, and real-time operating systems.

Prerequisite(s): CSIS1020, ENGN2075.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3000 Materials and Process Engineering**

This course develops the general properties of materials, defined as plastic, ferrous, nonferrous and ceramics used in product development. Properties of materials are applied to industrial applications to achieve optimum designs. Process engineering concepts are developed from conversion of raw materials into finished products using manufacturing methods to optimize production of parts.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3004 Circuit Theory IV**

This course focuses on the characteristics and application of field effect transistors (FETs). The terminology and symbols of FETs are examined. Amplifiers and switching circuit applications are included. Laboratory exercises, 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): ENGN2007, ENGN2008, MATH2040.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3005 Circuit Theory V**

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): ENGN3004, MATH2040.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3010 Mechatronics I**

This course is a study of the basic mechanical components and electrical drives in mechatronics systems. Topics covered include basic functions and physical properties of mechanical components and electrical drivers, strategies to identify, localize and correct malfunctions.

Prerequisite(s): ENGN2010, ENGN2011, ENGN2035, ENGN2080.

Offered at Providence

4.5 Quarter Credit Hours



**ENGN3015 Mechatronics II**

This is a multi-disciplinary project-oriented course with emphasis on mechatronics applications. The course focus is on the integration of the core technologies on innovative mechatronic designs. Topics include, microcontroller technology and interfacing, analog and digital electronics, communication technology, control architectures, real-time programming, sensors, and manufacturing equipment.

Prerequisite(s): ENGN3010.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3025 Applied 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, PHY1015) or (SCI1011, SCI1041)).

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3035 Microelectronics Design**

This is a project-oriented design course. Topics covered include contemporary design methodologies, prototyping platforms, programmable devices, hardware description language, and design, verification, and realizations of digital systems and their building blocks.

Prerequisite(s): ENGN2080, ENGN2085.

Offered at Providence

4.5 Quarter Credit Hours

**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.

Prerequisite(s): ENGN2005, ENGN2006, MATH2043, ((PHY2022, PHY2025) or (SCI2012, SCI2042)).

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3051 Introduction to Process Control**

This course is an introduction to the fundamental concepts of process control systems. Topics covered include the open-loop and closed-loop controls, interaction between controllers, sensors and actuators, and controller operating parameters. Feedback control systems are analyzed. The impact of the dynamics of the measurement and control processes on system transient response and stability is addressed. The study of PID controllers is also included.

Prerequisite(s): ENGN2010, ENGN2011, MATH2040.

Offered at Providence

4.5 Quarter Credit Hours

**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

4.5 Quarter Credit Hours

**ENGN3055 Electronics Engineering Design and Prototyping**

This is a course in electronics engineering development process. This is a project-oriented design course. Topics covered include the process of development and prototyping of various types of electronic systems starting from problem statement to final fabrication at system and board level.

Prerequisite(s): ENGN3005 (or concurrent).

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3075 Applied Fluid Mechanics**

This is a course in the study of compressible and incompressible fluid statics and dynamics as applied to hydraulic and pneumatic pumps, motors, transmissions and controls.

Prerequisite(s): ENGN2010, ENGN2011, ENGN2035, PHY1011, PHY1015.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3085 Principles of Systems Engineering**

This introductory course addresses the application of scientific and engineering efforts in order to translate specific operational requirements into a system configuration. The course emphasizes a goal-and-team-oriented approach to representative system projects. The goal of this total engineering effort is the creation of an effective and efficient product within specified cost, time and performance envelopes.

Prerequisite(s): MATH1030 or higher.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3090 Systems Performance and Measurement**

This course addresses the critical role of performance in the modeling, design, assessment, operation and management of a system. Emphasis is placed on the identification and development of both qualitative performance criteria and quantitative performance criteria. Data-acquisition and processing requirements for these criteria are also considered both for online and offline system assessment.

Prerequisite(s): ENGN3085.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN3130 Design II: Iteration and Design Development**

This course is a continuation of the design process from a fundamental principles of design course. Concepts of schematic design, iteration and documentation is coordinated with a design for manufacturability and assembly focus. Students learn how to develop designs that satisfy programmatic needs through examination of the whole concept down to the detail, tested through drawing, computer modeling, physical models and prototypes. Students learn how to apply design requirements in order to identify best solutions. Design is documented with a thorough exploration of form, function and mechanism.

Prerequisite(s): CAD2030.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN4000 Standards/Codes and Ergonomics**

This course is an introduction to standards and regulatory codes governing the design of buildings, products and manufacturing procedures. Standards for procedures and processes as related to design and manufacturing are defined and case studies are used to develop relevant concepts. Codes and ergonomic concepts are presented and developed as the driving forces behind standards applied to design buildings, products and manufacturing procedures.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN4005 Quality Control/Professional Practice**

This course is an introduction to quality control and professional practice as related to design and configuration management, with the concept of QC as the techniques and activities to achieve, sustain and improve the quality of products, services and the project development. Quality control becomes the responsibility of everyone involved in the design of products or project management. Professional practices covers the general application of regulations, restrictions, record keeping, and ethics related to engineering design and project management.

Offered at Providence

4.5 Quarter Credit Hours

**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): Senior status.

Offered at Providence

4.5 Quarter Credit Hours

**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.

Prerequisite(s): MATH2043.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN4060 Embedded Systems Design I**

This is the first course in embedded systems design. This is a project-oriented course in which classroom topics are explored through in-depth experiences in substantial design projects. Topics covered include hardware and software co-development, reuse, verification, and realization of digital intellectual property.

Prerequisite(s): ENGN3035.

Offered at Providence

4.5 Quarter Credit Hours

**ENGN4065 Embedded Systems Design II**

This is the second course in embedded systems design. This is an advanced project-oriented course, which involves extensive design projects. Topics covered include design of digital intellectual property for embedded systems, design of memory systems, and software hardware design tradeoffs.

Prerequisite(s): ENGN4060.

Offered at Providence

4.5 Quarter Credit Hours

**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 is covered. Concepts in automation will be covered, including manufacturing systems and elements in work cell.

Prerequisite(s): ENGN3015.

Offered at Providence

4.5 Quarter Credit Hours

**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

4.5 Quarter Credit Hours

**ENGN4130 Design III: Project Resolution and Detailing**

This course is the final design course in a three-course sequence. Concepts of the design process are applied to industrial design problems and project development techniques. Configuration management techniques are developed to support design analysis and product/project development through the life cycle of the product/project. Students develop research and presentation skills related to the design process, cost estimating and project development centered on industrial and urban problem-solving techniques.

Prerequisite(s): ENGN3130.

Offered at Providence

4.5 Quarter Credit Hours

## English (ENG) Courses

**ENG0001 Writing Workshop**

This course affords an opportunity to students to complete the Graduation Writing Requirement at Johnson & Wales University. Students will review sentence structure, paragraph development and essay organization with the goal of applying these skills to the classroom and the workplace.

Prerequisite(s): Writing skills evaluated at the "developing" level. (HY) (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

0 Quarter Credit Hours

**ENG1020 English Composition**

This course provides students with basic writing skills in a variety of genres and contexts. Instruction begins with a review of the fundamentals of writing through the use of personal narratives. The focus widens to forms of public writing, including informative and research-based writing. Research techniques and MLA documentation are covered. Class work includes lecture, writing workshops, and peer critique. Course requirements include five or six different writing projects as well as a final exam. (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**ENG1021 Advanced Composition and Communication**

This course is a continuation of ENG1020 English Composition. Building on the research and audience skills from ENG1020, students develop more complex and rhetorically advanced papers. All work – written and oral – is aimed at persuading an audience. Instruction begins with the essential components of a logically constructed and articulated argument. Critical thinking skills are reinforced throughout the course as students develop, peer critique, and present projects to the class. Research and MLA skills are expected of students, and all projects require research from a variety of sources.

Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**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, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**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. (SL) (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**ENG2010 Technical Writing**

This course focuses on a practical approach to technical exposition, such as proposals, project reports, feasibility studies, abstracts, and technical correspondence delivered in both hard copy and electronic formats.

Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**ENG2030 Introduction to Newswriting**

This course provides students with a practical introduction to basic news and feature writing and emphasizes writing for the specific fields of business, culinary, hospitality and technology.

Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)

Offered at Charlotte, Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**ENG3001 Introduction to Creative Writing**

Introduction to Creative Writing 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 coursework. Most of the daily class periods consist of discussion, lecture, in-class writing, and the workshoping of student writing.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence

4.5 Quarter Credit Hours

**ENG3012 Report and Proposal Writing**

This course prepares students to write effective reports and proposals in a variety of workplace environments including business and industry, government, academic and nonprofit. Students learn to analyze the needs of various audiences including clients, supervisors, and investors or funding agencies, and apply the appropriate rhetorical conventions to create a range of informative and/or persuasive documents. Communication tasks include written reports, proposals and related correspondence, as well as oral presentation.

Prerequisite(s): ENG1021 or ENG1027, ENG2010. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**ENG3014 Instruction and Manual Writing**

This course prepares students to plan, construct, test and revise documents that enable users to perform tasks effectively. Students apply principles of iterative development including audience/user analysis, usability testing, and test-based revision to produce instructional materials such as training manuals, operating instructions, or online product documentation for specific users in a variety of workplace environments.

Prerequisite(s): ENG1021 or ENG1027, ENG2010. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**ENG3030 Introduction to Food Writing**

This course provides students with an opportunity to concentrate on food writing for cookbooks, magazines, newspapers and websites. Students are introduced to the protocol for getting published while learning how to develop and compose food stories and restaurant reviews. Subjects taught include interview techniques, query letters and tailoring food articles to various publications.

Prerequisite(s): ENG1021 or ENG1027. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**ENG3050 Introduction to Travel Writing**

Students focus on the history of travel writing, article writing as a specific commercial genre, research skills, descriptive personal narrative, and integrating works with various forms of mixed media including: photography, computer graphics, and maps. This course explores the reasons and mediums for travel writing.

Prerequisite(s): ENG1021 or ENG1027, sophomore status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## English as a Second Lang (ESL) Courses

**ESL1010 Beginner-Level Oral Communication**

This course provides students with the opportunity to build aural/oral confidence at the beginner to advanced-beginner level. Students use text and audio materials to develop vocabulary and speech patterns and to practice basic dialogs. Discrete listening is reinforced through dictation exercise.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

**ESL1011 Beginner-Level Grammar**

This course introduces and/or reviews present, past and future forms of verbs, including the verb "be". Other grammatical components including nouns and pronouns, time expressions and sentence structure are also examined.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

**ESL1012 Beginner-Level Reading**

This course teaches students to improve their reading skills by deriving meaning from context. It also develops students' skimming and scanning skills and increases vocabulary and comprehension.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

**ESL1013 Beginner-Level Writing**

This course provides students with the skills necessary to compose, revise and edit paragraphs using a process-writing approach. Emphasis is placed on narration and description, as well as on sentence construction, syntax and punctuation. Students are introduced to critiquing paragraphs using model rubrics. Constructive feedback through teacher conferencing is provided throughout the course.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

### **ESL1020 Intermediate-Level Oral Communication**

In ESL 1020, students develop language, vocabulary, and listening and note-taking skills. They create presentations with a focus on topic choice and idea development. Through classroom discussions, they also begin to apply critical thinking skills to formulate and express their own opinions and to explore their own and other points of view on a variety of relevant topics.

Prerequisite(s): Successful completion of ESL1010 or appropriate placement exam.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

### **ESL1021 Intermediate-Level Grammar**

This course introduces and/or reviews verb tenses and other grammatical components. Through pair work, group work, and exercise completion, 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 ESL1011 or appropriate placement exam.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

### **ESL1022 Intermediate-Level Reading**

This course allows students to practice intermediate reading skills so they are able to read more accurately and rapidly. The class also leads students to read from a critical perspective. In addition, students focus on understanding new vocabulary in context and on vocabulary building. The basic elements of fiction are introduced.

Prerequisite(s): Successful completion of ESL1012 or appropriate placement exam.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

### **ESL1023 Intermediate-Level Writing**

This course provides students with the skills necessary to compose, revise and edit paragraphs and one essay using a process-writing approach. Emphasis is placed on narrative, descriptive, comparison and contrast, and/or cause and effect rhetorical strategies. Constructive feedback through peer and teacher conferencing is provided throughout the course.

Prerequisite(s): Successful completion of ESL1013 or appropriate placement exam.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

### **ESL1030 Advanced-Level Oral Communications**

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 are critically integrated into discussions.

Prerequisite(s): Successful completion of ESL1020 or appropriate placement exam.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

### **ESL1031 Advanced-Level Grammar**

This course develops students' grammar skills through contextualized exercises. The content emphasis is on developing grammatical structures used in students' academic studies.

Prerequisite(s): Successful completion of ESL1021 or appropriate placement exam.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

### **ESL1032 Advanced-Level Reading**

This course prepares students for college-level reading. Using a variety of readings, students practice before-, during- and post-reading comprehension skills and gain advanced critical understanding of fiction and nonfiction texts.

Prerequisite(s): Successful completion of ESL1022 or appropriate placement exam.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

### **ESL1033 Advanced-Level Writing**

This course provides students with the skills necessary to compose, revise and edit essays using a process-writing approach. Emphasis is placed on various academic rhetorical strategies, including narrative, comparison and contrast, cause and effect, argumentative, and/or problem and solution. Research techniques and MLA documentation are introduced. Constructive feedback through peer and teacher conferencing is provided throughout the course.

Prerequisite(s): Successful completion of ESL1023 or appropriate placement exam.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

## **Entrepreneurship (ENTR) Courses**

### **ENTR1001 Introduction to Entrepreneurship**

This is an introductory course in entrepreneurship, demonstrating how entrepreneurs recognize business opportunities, develop ideas and identify markets. Topics include business planning, pricing, credit management, government regulation, business ethics and the crucial role and importance of entrepreneurs to business and society.

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

### **ENTR2030 The Business Plan**

The course teaches students how to develop a business plan for a business they are considering starting. Emphasis is on the realism and completeness of the business plan.

Prerequisite(s): ENTR1001 or FSM1001 or FSM3001 or HOSP1001 or MGT1000 or MGMT1001 or SEE1001. (HY) (OL)

Offered at Charlotte, Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **ENTR2040 Financing the Entrepreneurial Venture**

Following the development of a business plan in ENTR2030, this course investigates funding sources for small businesses. The objective is to educate the entrepreneur as to what capital generating sources are available, pointing out the advantages and disadvantages of each.

Prerequisite(s): ENTR2030.

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

### **ENTR3010 Small Business Consulting**

This course is conducted as an independent study. Participants in the program formulate an agreed-upon plan with their sponsor and educator to counsel small businesses on problems dealing with marketing/sales, management, finance/accounting, and other relevant tactical/strategic issues.

Prerequisite(s): ENTR2040.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

### **ENTR3015 Small Business Management**

This course compares small, medium and large business organizations to ascertain the different approaches to resource acquisition, both capital and human; internal and external communication; structural design and efficacy; community involvement; research and development of products and services; governance; and strategic planning and initiatives. The course provides participants with the opportunity to see first-hand the workings of a small, medium and large business. Guest speakers are invited to explain and discuss their experiences working and leading these organizations.

Prerequisite(s): MGMT2001, sophomore status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

### **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, Denver, North Miami, Providence

4.5 Quarter Credit Hours



**ENTR3030 Marketing for Entrepreneurs**

This course prepares students to effectively conduct market research and engage in marketing for small businesses and start-ups. Focus is on providing students with tools to evaluate business opportunities and make better decisions based on appropriate research methods. Topics include the importance of positioning and verbal branding as a necessary skill for entrepreneurs as they begin their ventures and discuss their new ideas with others.

Prerequisite(s): ENTR2030 or ENTR3015.

Offered at Charlotte, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**ENTR3040 Internet Entrepreneurship**

This multidisciplinary course presents students from the School of Engineering & Design and the School of Business with the opportunity to work in focused, collaborative teams on a real-world technology/business problem. Students perform market research, create business plans and prototype innovative technical solutions.

Prerequisite(s): ENTR2030 or ENTR3015, permission of instructor.

Offered at Providence

6 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**ENTR4055 Entrepreneurship Seminar**

This is the Entrepreneurship capstone course that requires students to synthesize knowledge gained from previous coursework to create a viable business plan. Students integrate financing, marketing, operations, business strategy and other key areas to produce a business plan that can be presented to various audiences.

Prerequisite(s): ENTR3015, HOSP4060 or MGMT4020.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**ENTR4099 Entrepreneurship Internship**

The Entrepreneurship Internship offers students an experiential learning opportunity in business environments. Students study firsthand the challenges, nuances and everyday expectations associated with a variety of entrepreneurship functions within a business. They are expected to apply previous course work and research to onsite tasks. Through the internship and reflective assignments, students improve their understanding of what it takes to start, work in, and manage a local, national or global business. Students gain academic credit for work experience in entrepreneurship.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Providence

4.5-13.5 Quarter Credit Hours

## 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; identification; equine behavior; and psychology of the horse. Laboratory skills acquisition in horse management techniques include safe handling, restraint, lunging and horse maintenance procedures.

Offered at Providence

4.5 Quarter Credit Hours

**EQN1010 Equine Physiology and Sports Therapy**

This course investigates the scientific aspects of the horse with particular attention to the function of body systems. Topics include the respiratory, circulatory, muscular, endocrine, reproductive and urinary systems. The scientific conditioning of the horse for sports activities is studied with emphasis on the prevention of stress and the utilization of therapeutic modalities in the treatment of injuries.

Offered at Providence

4.5 Quarter Credit Hours

**EQN1020 Equine Anatomy and Lameness**

This course studies the conformation, anatomy and movement of the horse with emphasis on the skeletal system. Analysis of common unsoundness caused by trauma, overloading, degeneration, mechanical dysfunction, nerve dysfunction and metabolic imbalance are discussed with systematic methodology. This methodology includes discussion of pathophysiology, common symptoms, diagnostic techniques, treatment options and preventative practices.

Offered at Providence

4.5 Quarter Credit Hours

**EQN1061 Principles of Riding I**

This course establishes the correct balance seat position and correct use of the aids. The aim is to strengthen the position and security of the rider and introduce basic riding theory. Students develop their riding technique through application of the German Training Scale. The warm-up exercise program for the rider is introduced and utilized. Students are placed in riding classes according to level of riding ability.

Offered at Providence

1.5 Quarter Credit Hours

**EQN1062 Principles of Riding II**

This course is a continuation of Principles of Riding I. It aims to strengthen the position and security of the rider and further develop knowledge and application of basic riding theory. Students develop their riding technique through application of the German Training Scale. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN1061.

Offered at Providence

1.5 Quarter Credit Hours

**EQN1063 Principles of Riding III**

This course is a continuation of the work done in Principles of Riding I and II. The course deals more extensively with developing the balance seat position. The jumping position is more fully developed. Circles, figure eights, transitions and dressage tests are utilized to develop control and precisions. Students develop their riding technique through application of the German Training Scale. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN1062.

Offered at Providence

1.5 Quarter Credit Hours

**EQN1080 Equine Management Lab I**

This course develops skills in barn management including barn safety, basic horse handling and care, feeding practices, grooming, stall maintenance and waste management, taking vital signs, and restraint of horses. Managerial skills in organizing and developing horse care schedules and records are discussed and implemented. Students work at the Center for Equine Studies during this course.

Offered at Providence

2.25 Quarter Credit Hours

**EQN2000 Equine Diseases**

The purpose of this course is to provide an understanding of the common ailments of the horse. Through knowledge of disease-producing organisms, signs of illness and vaccines, the student is prepared to recognize and prevent health problems. Also covered are common pharmaceuticals, emergency health care and parasitology.

Prerequisite(s): EQN1010.

Offered at Providence

4.5 Quarter Credit Hours



**EQN2010 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, EQN1010.

Offered at Providence

4.5 Quarter Credit Hours

**EQN2061 Principles of Riding IV**

This course is a continuation of the Principles of Riding courses. Skills developed include dressage movements, gymnastics and jumping courses. Students develop a greater understanding of riding the horse on the aids with thoroughness. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN1063. (SL)

Offered at Providence

1.5 Quarter Credit Hours

**EQN2062 Principles of Riding V**

This course is a continuation of Principles of Riding IV based on the rider's progress and development in the previous riding courses. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN2061. (SL)

Offered at Providence

1.5 Quarter Credit Hours

**EQN2063 Principles of Riding VI**

This course is a continuation of Principles of Riding V based on the rider's progress and development in the previous riding courses. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN2062. (SL)

Offered at Providence

1.5 Quarter Credit Hours

**EQN2074 Equine Facilities and Management Laboratory**

This course covers a wide range of topics important to developing and managing an equine facility and horse herd. Farm facility design is analyzed and developed for efficient layout. Students participate in laboratory sections emphasizing horse care and management techniques, including bandaging, first aid, fecal examination, trailering, and preparing and presenting a sport horse.

Prerequisite(s): EQN1080, EQN2000, sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

**EQN3000 Foundations of Riding Theory**

This course studies the history and development of riding and classical modern riding theories. The early domestication and utilization of the horse is studied along with the development of riding theory from Xenophon through Caprilli. Modern classical riding theory is studied including the paces, dressage movements and the applications of the aids. Competition regulations for dressage and eventing are discussed.

Prerequisite(s): EQN2063.

Offered at Providence

4.5 Quarter Credit Hours

**EQN3001 Methods of Riding Instruction I**

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 at the Center for Equine Studies. 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): Permission of instructor.

Offered at Providence

4.5 Quarter Credit Hours

**EQN3002 Methods of Riding Instruction II**

This course is a continuation of EQN3001 with concentration on more advanced topics in the art of teaching. Students participate in intermediate and advanced lesson planning and practice teaching. Various teaching methodologies are discussed and the student develops skills in motion mediation of the rider. Training techniques for challenging situations are explored and implemented. This course also prepares students for the American Riding Instructor's Certification Program (ARICP) testing.

Prerequisite(s): EQN3001, permission of instructor.

Offered at Providence

4.5 Quarter Credit Hours

**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.

Prerequisite(s): Junior status.

Offered at Providence

4.5 Quarter Credit Hours

**EQN3030 Horse Show Management**

This course covers the management of horse shows from selection of the site and type of show to implementation of the general rules as outlined in the United States Equestrian Federation Rule Book. Students develop a management plan for a competition from a division in the USEF rule book. Students also actively participate in running a show including facility preparation, development of a prize list, scheduling, scoring and running a dressage and jumping competition. This course covers the management of horse shows with students planning and running a show. Topics include facility preparation, public services, show personnel, promotion, development of a prize list, scheduling and final reporting of results.

Prerequisite(s): EQN1020.

Offered at Providence

4.5 Quarter Credit Hours

**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 are 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 the analysis of jumping technique. Ethical business practices of horse sales are discussed.

Prerequisite(s): EQN1020, EQN2000.

Offered at Providence

4.5 Quarter Credit Hours

**EQN3061 Dressage and Jumping I**

This course is a continuation of the Principles of Riding courses. It further develops the rider's balanced seat position and independent use of the aids both on the flat and over fences. Proficiency tests are used to measure the rider's progress in dressage as well as stadium jumping. Students develop their riding technique through application of the German Training Scale. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN2063.

Offered at Providence

1.5 Quarter Credit Hours

**EQN3062 Dressage and Jumping II**

This course is a continuation of Dressage and Jumping I based on the rider's progress and development in the previous courses. Students develop their riding technique through application of the German Training Scale. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN3061.

Offered at Providence

1.5 Quarter Credit Hours

**EQN3063 Dressage and Jumping III**

This course is a continuation of Dressage and Jumping II based on the rider's progress and development in previous courses.

Prerequisite(s): EQN3062.

Offered at Providence

1.5 Quarter Credit Hours

**EQN3070 Horse Training**

This course addresses the theory and methodology of training horses for the sport horse industry. Students participate in video reviews and discussions of classical and alternate training theories. Practical use of training techniques is addressed. This course is offered during the summer term only.

Prerequisite(s): EQN3063, permission of department chair.

Offered at Providence

4.5 Quarter Credit Hours

**EQN3080 Movement Training for Rider**

This course will introduce theories on balance in motion for the rider utilizing Eckart Meyner's model and other exercise modalities. Course will focus on the rider warm-up and specific exercises to unblock the rider. Types of stretching and flexibility will be discussed along with selected topics in exercise physiology.

Prerequisite(s): EQN2063.

Offered at Providence

1.5 Quarter Credit Hours

**EQN4050 Horse Farm Management**

This course emphasizes the business aspects of managing a horse farm and includes such topics as personnel, contracts, taxes, insurance, promotion and record keeping. Horse equipment and services are discussed as they relate to management efficiency and environmental sustainability. Students also participate in an extensive individual project on the development of an equine business plan.

Prerequisite(s): EQN2010, junior status.

Offered at Providence

4.5 Quarter Credit Hours

**EQN4061 Advanced Riding and Training I**

This course emphasizes the training of the horse for dressage and jumping. Riders work on the development of the basic paces, collection, medium and extended gaits. Proficient riders explore movements of counter canter, lateral movements, flying changes and schooling pirouettes. The schooling of the horse from ground rails through complete courses is developed. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN3063.

Offered at Providence

1.5 Quarter Credit Hours

**EQN4062 Advanced Riding and Training II**

This course is a continuation of Advanced Riding and Training I based on the foundation work from the previous course. Students are placed in riding classes according to level of riding ability.

Prerequisite(s): EQN4061.

Offered at Providence

1.5 Quarter Credit Hours

**EQN4063 Advanced Riding and Training III**

This course is a continuation of Advanced Riding and Training II based on the foundation work from the previous course.

Prerequisite(s): EQN4062.

Offered at Providence

1.5 Quarter Credit Hours

**EQN4087 Equine International Experience**

This group of courses 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, auctions and breeding farms. Students should be riding at first-level dressage prior to application to this program.

Offered at Providence

4.5 Quarter Credit Hours

**EQN4088 Equine International Experience**

This group of courses 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, auctions and breeding farms. Students should be riding at first-level dressage prior to application to this program.

Offered at Providence

9 Quarter Credit Hours

**EQN4089 Equine International Experience**

This group of courses 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, auctions and breeding farms. Students should be riding at first-level dressage prior to application to this program.

Prerequisite(s): To be eligible for this international experience, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, 2) have successfully completed the course, EQN3063, Dressage and Jumping III.

Offered at Providence

15 Quarter Credit Hours

**EQN4099 Equine Internship**

Students in their senior year may elect to participate in a work experience related to their career goals. Students are placed by the university at training barns, breeding farms, veterinary clinics, breed associations, equine public relations firms, or other businesses representative of the horse industry. Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Providence

4.5-15 Quarter Credit Hours

### **EQN4115 Special Topics in Equine Studies I**

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 will be required.

Prerequisite(s): Permission of department chair.

Offered at Providence

1.5 Quarter Credit Hours

### **EQN4145 Spcl Topics in Equine Stud I**

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.

Prerequisite(s): Permission of department chair.

Offered at Providence

4.5 Quarter Credit Hours

### **EQN4215 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 will be required.

Prerequisite(s): Permission of department chair.

Offered at Providence

1.5 Quarter Credit Hours

### **EQN4315 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 will be required.

Prerequisite(s): Permission of department chair.

Offered at Providence

1.5 Quarter Credit Hours

## **Event (EVNT) Courses**

### **EVNT6000 Event Leadership and Planning**

This advanced course enables students to gain competence in the specific techniques used by professional event leaders to lead events through the phases of research, design, planning, coordination and evaluation. Students assess the marketing opportunities: legal, ethical and risk management issues, and technological advances within the profession.

Prerequisite(s): FISV5600, completion of required foundation courses. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

### **EVNT6020 Event Operations and 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. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

## **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, concept questions and problem solving. Students are exposed to 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. The use of spreadsheets in applications such as Excel is an emphasis in this course.

Prerequisite(s): ACCT1220 or ACCT3023. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **FISV2012 Introduction to Financial Institutions**

This course serves as an introduction to financial services, financial markets and financial institutions. The banking, brokerage, insurance and investment industries are described and analyzed. In addition, the economic environment of financial institutions is addressed with focus on the regulatory framework and the tax environment.

Prerequisite(s): ACCT1210 or (ACCT1007 or ACCT2002 or ACCT1202 or ACCT1002 or ACCT10021 Or ACCT1022 or ACCT10021).

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **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 or FISV2010.

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

### **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 or (ACCT1007 or ACCT2002 or ACCT1202 or ACCT1002 or ACCT10021 Or ACCT1022 or ACCT10021).

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

### **FISV3010 Credit 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 or (ACCT1007 or ACCT2002 or ACCT1202 or ACCT1002 or ACCT10021 Or ACCT1022 or ACCT10021).

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

### **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): ACCT1210 or (ACCT1007 or ACCT2002 or ACCT1202 or ACCT1002 or ACCT10021 Or ACCT1022 or ACCT10021).

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**FISV3040 Money and Capital Markets**

The purpose of this course is to provide the student with knowledge of a broad range of subjects related to the nature and functions of money and credit. 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 and the effects of these changes on the flow of funds and monetary policy implementation by the Federal Reserve System 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.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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): ACCT2022 or (ACCT3023 and ACCT1007), (FISV2000 or FISV2010).

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

**FISV4010 Bank Management**

This course examines the banking industry from the perspective of both a bank customer and a bank manager. Focus is on policies developed and procedures used to make decisions on providing loans to businesses and consumers. Additional topics addressed include risk management, interstate banking, technological advancements and the regulatory environment.

Prerequisite(s): FISV2012 or FISV3005 or FISV3040.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**FISV4015 Fundamentals of 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.

Prerequisite(s): FISV3015.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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 or (ACCT1007 or ACCT2002 or ACCT1202 or ACCT1002 or ACCT10021 or ACCT1022 or ACCT10021).

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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): ACCT2022 or ACCT3031 or (ACCT3023 and ACCT1007), (FISV2000 or FISV2010).

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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 or 2010.

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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, Providence CE

4.5 Quarter Credit Hours

**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, Providence CE

4.5 Quarter Credit Hours

**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, Providence CE

4.5 Quarter Credit Hours

**FISV4070 Series 7 Securities**

This course prepares students to sit for the NASD Series 7 examination or those who plan to pursue a career in the financial services industry. The Series 7 exam qualifies people who are interested in gaining employment as a General Securities Registered Representative, enabling that individual to sell stocks, bonds and options. Topics include: equities, debt/bonds, options, trading markets, regulations, tax laws, investment companies and initial public offerings.

Prerequisite(s): FISV3001.

Offered at Providence, Providence CE

9 Quarter Credit Hours

**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): ACCT2022 or (ACCT3023 and ACCT1007), FISV2012, FISV3001, FISV4025, senior status.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours



**FISV4099 Finance Internship**

The Finance Internship offers students an experiential learning opportunity in diverse business environments. Students study firsthand the challenges, nuances and everyday expectations associated with a variety of financial functions within a business. They are expected to apply previous course work and research to onsite tasks. Through the internship and reflective assignments, students improve their understanding of financial issues within a local, national or global business. Students gain academic credit for work experience in management.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Charlotte, Providence, Providence CE

4.5-13.5 Quarter Credit Hours

**FISV5000 Corporate Financial Accounting**

This course is designed for Graduate students who do not have an undergraduate degree in business. It provides instruction in financial and managerial accounting principles; business entities; the accounting equation; preparation of financial statements using the adjusted trial balance; horizontal, vertical, and common-sized financial statements analysis; financial ratios analysis; cash budgeting; the examination of cost behavior, and break even analysis. The primary objective of the course is to prepare the graduate student for advanced coverage of topics in the financial management course. (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**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 compliment the client's comprehensive financial plan.

Prerequisite(s): FISV5410. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**FISV5526 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. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

**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): Completion of required foundation courses. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

**FISV6020 Tax Planning for the Financial Manager**

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. The student explores 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 on effective planning in the overall financial scheme.

Prerequisite(s): FISV5600.

Offered at Providence

4.5 Quarter Credit Hours

**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): FISV5526. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours



**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 FISV6000 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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**FISV6060 Managing Capital Markets**

This course offers students a practical approach to understanding the best way to finance a firm for the needs outlined by management. Students learn how to manage a banking relationship and research various methods to finance a company's strategic plan. Discussions center on companies that expand and those that downsize their businesses.

Prerequisite(s): FISV5600. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**FISV6440 Alternative Investments**

This course reviews several types of alternative investments including hedge funds, private equity, real estate, managed futures, commodities and structured products. Topics include risk management, valuation methodologies, portfolio management and professional standards and ethics in the alternative investments industry. This course is appropriate for students interested in becoming a portfolio manager or investment analyst.

Prerequisite(s): FISV6056. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**FISV6480 Capstone for Certified Financial Planners**

This is the capstone course for the financial planning track, integrating the material learned in prior financial planning courses. This course is primarily structured as a casework course. Weekly cases are designed to closely reflect the types of client situations students may encounter as financial planners and when sitting for their CFP(R) certification examination. Each case will contain financial planning, insurance, investment, tax, retirement, employee benefit and estate planning issues, reflecting the complexities of real life clients.

Prerequisite(s): ACCT6410, FISV5410, FISV5420, FISV5430, FISV5526, FISV5600, FISV6056. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

## Food Service Management (FSM) Courses

**FSM1001 Introduction to the Food Service Field**

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, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM1065 Food Safety and Sanitation Management**

Students explore the fundamentals of food safety and environmental sanitation. Students will 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 a national food safety manager certification exam that is recognized by the Conference for Food Protection (CFP) to fulfill the graduation requirement. (HY)

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

1.5 Quarter Credit Hours

**FSM2005 Technology in the Food and Beverage Industry**

This course prepares students for the current trends in food service technologies. Emphasis is placed on emerging technologies used in the industry from both a managerial and strategic perspective.

Prerequisite(s): FIT1003 (or concurrent). (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

2.25 Quarter Credit Hours

**FSM2010 Medical Food Service**

This course introduces students to the principles of food service management in health care organizations. The food service manager's involvement in patient care and related areas of health care organizations is examined.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**FSM2025 Food and Beverage Cost Control**

Food & Beverage Cost Control is an introductory course designed to acquaint the student with the control problems of the food and beverage industry. Emphasis is placed on profit planning through menu planning, the control cycle and forecasting.

Prerequisite(s): MATH0010 (or concurrent) or math placement, sophomore status. (HY) (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM2045 Introduction to Menu Planning and Cost Controls**

This course allows the student to learn and apply the skills of professional menu development while learning the importance and use of the proper tools and documents needed to control food and beverage costs and analyze sales. This course introduces various food service concepts, explores labor and overhead expenses and introduces the income statement as a method of evaluating business success.

Prerequisite(s): MATH0010 (or concurrent) or math placement, sophomore status. (HY) (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM2065 Food and Beverage in the Hospitality Industry**

This course introduces students to the significance of food and beverage as it relates to the hospitality 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 Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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.

Prerequisite(s): ACCT1210 or ACCT2004 (or concurrent).

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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.

Prerequisite(s): SEE1001.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**FSM2180 Hotel Food and Beverage Operations Control**

This course introduces students to the roles and standard operating procedures used for food and beverage operations in lodging settings. Emphasis is placed on food preparation techniques, basic purchasing procedures, kitchen and dining equipment, product identification and guest service styles and standards used in various lodging operations. Additionally methods used by hotel managers to increase food and beverage operational profits through maximizing revenues and controlling costs are explored. Students utilize spreadsheet applications in developing and analyzing operational income statements.

Prerequisite(s): ACCT1210.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM3001 Food Service Management Systems and Human Resource Applications**

This course prepares students to apply sound human resource management principles to situations encountered within the hospitality industry. Students examine the complex and integrated nature of the hospitality industry and how various segments, such as lodging and tourism, impact the operation of food service establishments.

Prerequisite(s): BPA2626 or CUL2626 or CUL2386. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM3012 Advanced Menu Analysis**

This course focuses on researching current market trends and discovering their impact on commercial food service operations. Students analyze the effectiveness of current menu designs to specific operational data. Students also apply basic menu design techniques to enhance classroom assignments.

Prerequisite(s): FSM2080 or FSM3001 or SEE3008. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM3022 Baking Science**

This upper-level laboratory course focuses on the functionality of ingredients in baking and pastry applications. Students learn about ingredients and their interactions through lecture, exercises, and hands-on execution of controlled experiments. Emphasis is placed on the chemical and physical structure of ingredients and how this affects their function in foods. This course is conducted in a non-production laboratory and includes the assessment of food quality.

Prerequisite(s): Junior status.

Offered at Providence

4.5 Quarter Credit Hours

**FSM3025 Food Science**

This course emphasizes the scientific method and the chemical and physical changes that occur during preparation, processing, and storage of food products. It is conducted in a non-production laboratory and includes the assessment of food quality.

Offered at Charlotte, Denver, Providence

4.5 Quarter Credit Hours

**FSM3030 Facilities Design and Analysis**

This intermediate course introduces students to the fundamentals of facilities planning for the commercial, institutional and industrial food service industry. Students are introduced to the need for proper planning, layout and design of production and service areas. Students become familiar with computer systems designed in restaurant planning. The major portion of the course is student involvement in individual projects on kitchen layout.

Prerequisite(s): FSM1001 or HOSP1001 or SEE1001 or A.S. degree in Culinary Arts or Baking Pastry Arts.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM3035 Supervision for Food Service Professionals**

This course is designed to allow the student to learn and to explore human resource management theory and procedures as it applies 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 current labor legislation law are discussed as they apply to preparing future chefs and managers for successful leadership roles in the food service industry.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM3040 Food Service Financial Systems**

Students 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.

Offered at Charlotte, Denver, Providence

4.5 Quarter Credit Hours

**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.

Prerequisite(s): FSM2080 or FSM2180 or FSM3001 or SEE3008.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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): FSM3001 or HOSP2011, junior status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM3080 Food & Beverage Marketing and Distribution**

This course introduces students to the many facets of food marketing in commercial applications. Students will explore the various segments of the food and beverage marketing industry, including marketing for food and beverage manufacturing and distribution companies. Special emphasis will be placed on the integration of food service and marketing competencies.

Prerequisite(s): MRKT1001.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM3099 Food Service Management Internship**

This internship provides the opportunity for the application of acquired skills and knowledge in the food and beverage industry setting.

Prerequisite(s): FSM1065 or approved sanitation certificate, to be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, and 2) have completed 90 hours of course work.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

13.5 Quarter Credit Hours

**FSM4040 On-Site Foodservice**

This upper-level course emphasizes the contract or noncommercial segment of the food service industry. The traditional contract fields of business/industry, university/school, healthcare, recreation areas and catering are explored in depth. Contracts for these food service areas are evaluated from the client, contractor, guest and unit manager's perspectives.

Prerequisite(s): FSM2080 or FSM3001 or SEE3008. (HY) (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM4060 Hospitality Operations Management**

This upper-level capstone course combines a working knowledge of food production techniques and management skills necessary to operate a food service facility. Students further enhance these skills in a small-quantity food service setting in which they have full control over the food service operation.

Prerequisite(s): FSM1065 or approved sanitation certificate (or concurrent), FSM2080, senior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

9 Quarter Credit Hours

**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): FSM1065 or approved sanitation certificate (or concurrent), FSM2080 or FSM3099 or FSM3001, senior status. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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): CUL1365 or FSM2055 or MRKT1001. (OL)

Offered at Charlotte, Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**FSM4099 Food Service Management Internship**

Students in the Baking and Pastry Arts & Food Service Management (BPAFSM) or Culinary Arts & Food Service Management (CAFSM) programs may apply for a selective internship assignment in an approved food and/or beverage operation. This internship allows students to gain academic credit for work experience within their chosen profession under the supervision of qualified industry personnel. Students will acquire an understanding of food/beverage production and daily operational duties from a management perspective through observation and participation. Successful completion of this term-long course, gives students a deeper understanding of the demands and expectations of a management role within their chosen field.

Prerequisite(s): Associate in Science (A.S.) Degree in Baking Pastry Arts or Culinary Arts; minimum of 130 earned credits; minimum 2.75 GPA for domestic internship or 3.25 GPA for international internship; students must have elective credits available.

Offered at Providence, Providence CE

4.5-13.5 Quarter Credit Hours

**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. The course is designed to develop the critical thinking and decision-making skills of the student 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): FISO2000, FSM3075 or MRKT1001. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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): CUL4045 or FSM4070. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## Foundations in Tech (FIT) Courses

### **FIT1000 Information Technology for Business Professionals**

This course provides basic understanding of computer software, policies and procedures necessary for business professionals. Students gain practical knowledge of operations and terminology as well as hands-on use of personal information management systems, word processing, and digital presentations. Students are also introduced to using databases as a decision-making tool. Computer-based assessment software may be used as both a learning and skills measurement tool. (HY)

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

### **FIT1003 Introduction to Excel**

This five-week course is designed as an introduction to the basic skills and tools used when working with spreadsheets. The topics of creating and editing worksheets, charting data, basic formulas and functions, and working with tables are stressed. Computer-based assessment software is used as both a learning and skills measurement tool. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
2.25 Quarter Credit Hours

### **FIT1012 Digital Technology for Business**

This course focuses on the practical use of technology tools in the digital workspace. Students gain hands-on experience in Digital Citizenship, basic technical literacy, collaboration tools, mobile connectivity and other technical solutions. Student learning is focused on project-based solutions to realistic workplace scenarios.

Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

### **FIT1013 Excel for Accounting & Finance**

In this case-based course, students use the spreadsheet skills acquired in FIT1003 (part 1) and apply those skills to problem-solving cases. Students focus on financial documents such as budgets, balance sheets, income statements and loan amortization schedules.

Prerequisite(s): FIT1003.

Offered at Charlotte, Providence, Providence CE  
2.25 Quarter Credit Hours

### **FIT1014 Solving Business Problems with Technology**

Students gain advanced experience in core technology topics as well as new topics relevant to the technology field. Additional topics may include introduction to scripting and programming languages, databases and data mining, and contemporary digital presentation environments. Student learning is focused on project-based solutions to realistic workplace scenarios.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **FIT1025 Engineering Tools for Problem Solving**

This First-Year Engineering course is designed as an introduction to the techniques and tools used in solving engineering problems. The topics of data analysis and presentation of technical results are stressed. Formula construction and graphing techniques are developed through the use of software applications. Programming in MATLAB, and simulation of electronic circuits are included. Team problem solving activities and oral and written technical communication are a major focus of the class.

Offered at Providence

2 Quarter Credit Hours

### **FIT1040 Spreadsheet Design for Business Solutions**

Students gain 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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### **FIT1050 Digital Technology for the Creative Industries**

This course focuses on the core concepts and software technologies at the heart any creative industries profession. Students gain hands-on experience in digital citizenship, basic technical literacy, the fundamentals of relevant software applications and online resources. Project-based solutions often in the context of workplace scenarios drive student learning.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **FIT2020 Integrated Computer Business Applications**

This course presents intermediate and advanced microcomputer applications skills chosen on the basis of demand in local markets. A major part of the course involves “hands-on” laboratory use of software for managing graphic, numerical or text-based data in “what if” business simulations with emphasis placed in spreadsheet and word-processing software. Other business software may also be explored. Computer-based assessment software may be used as both a learning and skills measurement tool.

Prerequisite(s): FIT1000, FIT1040 or FIT1014, or permission of department chair.

Offered at North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **FIT2030 Access Database Design for Business Solutions**

Students gain a working knowledge of database concepts and design and apply skills to problem-solving cases. Computer-based assessment software may be used as both a learning and skills measurement tool.

Prerequisite(s): Permission of department chair.

Offered at North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **FIT2040 Emerging Technologies in the Workplace**

This course introduces students to how social media has evolved and how it can be used as an effective tool to enhance and develop business marketing and sales. Social media has established itself as the pre-eminent focal point for social interaction using web-based technologies, with people generating their own content, social commentary and opinions reaching a wide audience through friends, recommendations and same interest groups. Businesses from small to large are using social media to engage with their customers on an entirely new level, helping promote their products and services and keep in touch with them on a personal level. Social media is displacing the established leaders as major traffic drivers for new business.

Offered at North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

## French (FREN) Courses

### **FREN1001 Conversational French I**

This course is an introduction to the French language, with emphasis on vocabulary acquisition, basic grammar construction and oral communication. Students who have previously studied this language are required to take the foreign language placement exam.

Offered at North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **FREN1002 Conversational French II**

This lower, intermediate-level course is designed to further develop conversational ability by expanding both the vocabulary and exposure to French-speaking cultures. This course concentrates greatly on advanced verb forms and idiomatic expressions.

Prerequisite(s): FREN1001 or equivalent placement score.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **FREN2001 Conversational French III**

This advanced intermediate course is designed to perfect the usage of advanced grammar through extensive conversational drill, directed reading, composition and laboratory practice.

Prerequisite(s): FREN1002 or equivalent placement score.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

## German (GER) Courses

### **GER1001 Conversational German I**

This course is an introduction to the German language, with emphasis on vocabulary acquisition, basic grammar construction and oral communication. Students who have previously studied this language are required to take the foreign language placement exam.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours



### **GER1002 Conversational German II**

This course is for advanced beginners in German language, building upon the basic speaking, listening, reading and writing skills covered in German I. Students' vocabulary is expanded to 2,000 commonly used vocabulary words used in conjunction with the present and perfect tenses, adjectives and adverbs. In addition to grammar, students are exposed to many aspects of life in present-day Germany, Switzerland and Austria.

Prerequisite(s): GER1001 or equivalent placement score.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **GER2001 Conversational German III**

This advanced intermediate course in German language is designed to further develop conversational ability by expanding the vocabulary covered in German II. In addition to grammar, students will be exposed to the many aspects of life in present-day Germany, Switzerland and Austria.

Prerequisite(s): GER1002 or equivalent placement score.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

## **Graduate Studies (GRAD) Courses**

### **GRAD6041 Graduate Special Topics**

This course examines an area of study in the General MBA program. Focus is on a topic or a current problem or issue facing the business world.

Prerequisite(s): Varies, depending on course content.

Offered at Providence

4.5 Quarter Credit Hours

### **GRAD6800 Graduate Internship**

In this capstone experience for graduate students, experiential learning takes place in diverse industry settings commensurate with the student's prior experience and area of interest. Upon completion of a selective application and acceptance process, students perform in the workplace while simultaneously preparing a graduate-level report and presentation. Academic credit is awarded for this hands-on paid or unpaid experience, which can take place domestically or internationally.

Prerequisite(s): Completion of a minimum of 45 credits by the commencement of the internship, 3.5 cumulative GPA.

Offered at Providence

4.5 Quarter Credit Hours

## **History (HIST) Courses**

### **HIST2001 World History to 1500**

This survey of people and their cultures focuses on the two major historical traditions (Western and East Asian) from pre-history to 1500. The varying political events, institutions, technologies and cultures of the East and West are highlighted.

Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)

Offered at Charlotte, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **HIST2002 World History Since 1500**

Major developments in world history from the 16th century and on are considered, with an emphasis on the impact of ideas and influences from Asia and the New World upon European culture and society and the European impact upon Asia, Africa and the Americas. The various periods and kinds of revolution – industrial, democratic, political, technological, military and cultural – are surveyed.

Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **HIST2100 U.S. History from Colonial Times to 1876**

This course is a survey and analysis of United States history and those institutions that contributed to the evolution of the American nation from colonial times through the period of the Civil War and Reconstruction. Particular attention is given to the Puritan influence upon American character, the American Revolution, the creation of the federal Constitution, western settlement, the nature of slavery and the breakdown of the American political system resulting in civil war.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **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, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **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 Providence, Providence CE

4.5 Quarter Credit Hours

### **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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **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 the Second World War 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. (OL)

Offered at Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **HIST3150 Honors Seminar: History of American Popular Culture**

Popular culture both influences and is influenced by economic trends, social movements, political discourse, and international relations. This Honors Seminar examines the history of American popular culture from the mid-19th century to the 1980s. The class focuses on the ways in which historical movements and events have both influenced and been influenced by various forms of popular culture. Special emphasis will be placed on the ways in which depictions of gender, ethnicity, and sexual orientation in popular culture have changed over time. As befits an Honors Seminar, classes will focus on student-led analysis and in-depth discussion of primary sources. Students will be expected to complete extensive writing assignments including a final project based on original research using primary sources.

Prerequisite(s): ENG1027, honors status.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

### **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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours



### **HIST3300 R. I. State Externship Program**

This course is designed to provide students with an opportunity to experience firsthand the workings of a chosen state agency. Dozens of sponsors representing all aspects of state government assist interns to understand how particular agencies function to service the needs of the citizens of Rhode Island. The interns also attend weekly seminars to gain an understanding of all the major branches of state and local government. Please note: This is a four-month program.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

## **Hospitality Management (HOSP) Courses**

### **HOSP1001 Orientation to the Hospitality Industry**

This course is an introduction to the various segments within the hospitality industry (lodging, food service, travel and tourism, and sports, entertainment and event management). The course prepares students to apply sound management principles to the challenges encountered within the industry.

(OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **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, concierge service skills, rooms forecasting, basic revenue management, teamwork, and interdepartmental relationships.

Prerequisite(s): FSM1001 or FSM3001 or HOSP1001 or SEE1001. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **HOSP1080 Technology in the Tourism/Hospitality Industry**

This introductory course provides students with comprehensive knowledge of the various information systems in the hospitality industry. Students gain a basic understanding in the use of property management systems, global distribution systems, point of service systems, internet distribution systems, mobile apps, and any other current technology available to the travel, tourism and hospitality industry. In addition, students learn about future technological trends in the industry.

Prerequisite(s): TRVL1010 or TRVL1011 or TRVL2801.

Offered at North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **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 FSM3001 or HOSP1001 or MRKT1001 or SEE1001, sophomore status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **HOSP2050 International Tour and Hotel Operations**

This course is taught only on a campus outside of the U.S. during a term abroad program. The course focuses on cultural, political, legal and economic forces; their impact on tourism and how hospitality management practices differ among countries. Students plan and participate in a variety of tours and professional site visits in order to gain firsthand knowledge of the international travel experience.

Prerequisite(s): Must be accepted in Study Abroad program, junior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

9 Quarter Credit Hours

### **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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **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): ACCT1220, HOSP1015.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **HOSP3060 Private Club Management**

This upper-level course examines the private club industry and its specific challenges. Emphasis is placed upon the manager's role with the governing board, membership, staff and management of the clubhouse and recreation activities.

Prerequisite(s): FSM1001 or FSM3001 or HOSP1001 or SEE1001. (HY)

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **HOSP3065 Hospitality Security and Risk Management**

This course is designed to familiarize the student with the various elements of Risk Management throughout the hospitality industry. It is intended to supply the student with a strong foundation in the elements necessary to provide a safe and secure venue and to reduce ownership liability.

Prerequisite(s): Junior status.

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

### **HOSP3075 Hotel Strategic Marketing and Brand Management**

This is an upper-level course focusing on hotel strategic planning, brand management and the use of integrated marketing communications to build relationships. Topics include strategic planning, consumer/organizational buying, market segmentation/targeting/positioning, brand strategies and digital marketing.

Prerequisite(s): HOSP1015, MRKT1001.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **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, HOSP1010 or HOSP1015. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **HOSP3085 International Hotel Operations, Development and Management**

The course focuses on the development and management of multinational hotel properties. Students learn the skills and abilities necessary to become a global hospitality manager, including managing a diverse, multi-cultural staff, developing strategies to satisfy international guests, and working as an expatriate manager. Trends in the global hotel industry are also examined.

Prerequisite(s): MGMT2001, junior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**HOSP3099 Hotel Internship**

This internship course allows students to gain academic credit for an invaluable work experience within their chosen profession. Students acquire insight into the practical aspects of an organization's operation by observing and participating in day-to-day activities. Upon completion of this term-long course, students have a better understanding of the demands and expectations of business and industry.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, and 2) have completed 90 hours of course work. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
13.5 Quarter Credit Hours

**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): (MGMT1001 or MGHI1000), MGMT2001.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**HOSP3440 Resort/Spa Management and Vacation Ownership**

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, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**HOSP4011 Hospitality Management Consulting**

This upper-level course is designed to give students insight into management consulting for enterprises in the hospitality industry. Using a variety of teaching methods, including the case study approach, simulated consulting assignments are introduced into the classroom to fine-tune the critical thinking and decision-making abilities of the student. The spectrum of management consulting providers, ranging from large international firms to sole practitioners, is reviewed.

Prerequisite(s): (ACCT3020 or ACCT3025 or FISV2000 or FISV2010 or FISV3001), (FSM3075 or HOSP3050 or HOSP3075 or MRKT3045 or TRVL4011 or (SEE3010 and SEE3160)).

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**HOSP4012 Developing and Managing a Small Hospitality Lodging Property**

This course is designed to familiarize the student with the challenges and rewards of the entrepreneurial development and management of a small lodging property. Concepts for establishing the business, financial operations, daily operational procedures, and marketing the business are covered.

Prerequisite(s): (ACCT3020 or ACCT3025 or FISV2000 or FISV2010 or FISV3001), (FSM3075 or HOSP3050 or HOSP3075 or MRKT3045 or TRVL4011 or (SEE3010 and SEE3160)).

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**HOSP4015 Advanced Hospitality Sales Seminar**

This senior-level course is an in-depth study of the sales process. Emphasis is on developing the sale from initial prospecting and lead qualification through follow-up after the close. The course explores the communication, interpersonal and professional skills needed to be a hospitality sales executive through classroom lecture, role-play, guest speakers, webinars, networking opportunities, and real or simulated on-campus events.

Prerequisite(s): FSM3075 or HOSP3050 or HOSP3075 or MRKT3045 or TRVL4011 or (SEE3010, 3160), SEE2020 or HOSP2011.

Offered at Denver, Providence

4.5 Quarter Credit Hours

**HOSP4040 Hotel Asset Management**

This course focuses on the issues related to the maximization of hotel asset value. The course covers the processes of feasibility analysis and benchmarking. 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): ACCT1220.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**HOSP4060 Hospitality Strategy Design and Execution Seminar**

This senior-level capstone course is designed to give students insight into hospitality strategy. Using a variety of teaching methods including the case study approach, realism is introduced into the classroom, improving the critical thinking and decision-making abilities of students both individually and within the framework of a team.

Prerequisite(s): ACCT3020 or ACCT3025 or FISV2000 or FISV2010, FSM3075 or HOSP3050 or HOSP3075 or MRKT1001, senior status. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**HOSP4099 Hospitality Internship**

Eligible students may apply for a selective Hospitality Internship assignment. These internship assignments allow students to gain academic credit for an invaluable work experience within their chosen profession. Students will acquire insight into the practical aspects of an organization's operation by observing and participating in day-to-day activities. Upon completion of this term-long course, students have a more global understanding of the demands and expectations of business and industry.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a 2.0 cumulative GPA during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5-13.5 Quarter Credit Hours

**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): MRKT5500. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

**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): MGMT5500 or RSCH5500. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

### **HOSP6526 Information Technology in Hospitality and Tourism**

The objective of this course is to study the use of information technology in the hospitality and tourism industry. Students learn the information technology needs of domestic and international tourism businesses, as well as the use of the Internet and other information technologies as tools that influence the hospitality industry. The course emphasizes Internet website hosting for tourism managers, including a detailed examination of the current practices of online tourism marketing and tourism destination management systems. Students explore the issues pertaining to the operation and management in the industry by employing creative problem-solving solutions utilizing today's information technologies.

Prerequisite(s): MGMT5500 or RSCH5500.

Offered at Providence

4.5 Quarter Credit Hours

## **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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **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. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **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.

Prerequisite(s): HRM5010, HRM5020. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **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.

Prerequisite(s): HRM5010, HRM5020. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **HRM5050 Strategic Recruiting, Retention and Succession**

This course addresses the legal, ethical and economic factors that affect recruitment, selection, placement and appraisal. Students will 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.

Prerequisite(s): HRM5010, HRM5020. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **HRM5060 Human Resources in a Global Environment**

This course focuses on practicing human resource management within the global context. It asks students to look at the different approaches to global HR, specifically the question of local differentiation versus global standardization for multinational and global organizations. Additionally, this course introduces students to a comparative approach to human resource management, where differences in HR approaches across the globe are discussed.

Prerequisite(s): HRM5010, HRM5020, HRM5030, HRM5040. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **HRM6010 Advanced Organizational Behavior**

This course introduces students to research in psychology and its application to business management. Students cover different areas of psychology (social and personality) and study the potential impact this research has on managerial decisions. Students apply this study to decisions made within the human resource management systems.

Prerequisite(s): HRM5010, HRM5020, HRM5030, HRM5040, HRM5050, HRM5060. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **HRM6020 Human Resource Metrics and Statistical Research**

This course introduces students to the measurement and assessment of human resource initiatives. It provides students with an understanding of how to develop appropriate metrics to measure the impact of human resource management initiatives. These metrics include both qualitative and quantitative means, with a focus on ensuring a demonstrable return on investment for the organization. Students also study how to support and advocate for changes to these systems based on quantitative and qualitative measures.

Prerequisite(s): HRM5010, HRM5020, HRM5030, HRM5040, HRM5050, HRM5060. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **HRM6030 Organizational Change Management**

This course incorporates the literature concerning change management and its implementation. Students study the theory and research in change management. A part of this study will be the understanding of change at both the organizational and individual levels. Students are also be asked to apply this research as they develop human resource initiatives that support change initiatives.

Prerequisite(s): HRM5010, HRM5020, HRM5030, HRM5040, HRM5050, HRM5060, HRM6010, HRM6020. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

### **HRM6800 Human Resource Management Capstone**

The capstone course for human resource management integrates the knowledge and skills acquired through the program to examine how a human resource professional can impact employee and organizational performance, as well as the strategic management process. Many of the major areas in the human resource management field are revisited. Theories and best practices are analyzed for dealing with the dynamic circumstances organizations are confronting in the 21st century, many of which are significantly influenced by factors such as increasing globalization, employee mobility and constantly evolving laws and technology. Students further incorporate their knowledge and skills by developing a comprehensive, strategic human resources plan for an organization.

Prerequisite(s): HRM5010, HRM5020, HRM5030, HRM5040, HRM5050, HRM5060, HRM6010, HRM6020. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

## **Humanities (HUM) Courses**

### **HUM3020 Language & Cultural 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, discussion, and required excursions and activities. Students also partner with native speakers of the target language to improve comprehension and communication skills.

Offered at Denver, Providence

13.5 Quarter Credit Hours

### **HUM3050 Science and Civilization: Progress and Problems**

This course explores the social, political, and historic contexts and implications of several scientific and technological developments through a variety of genres including textbooks, newspaper and magazine articles, film, music, art, literature, and the internet. This is an interdisciplinary course cross-listed as HUM3050 and SCI3050.

Prerequisite(s): ENG1021 or ENG1027, successful completion of any science course, sophomore status. (OL)

Offered at Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **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

4.5 Quarter Credit Hours

### **HUM3070 Visual Literacy and the Sociology of Perception**

Human perception of the social world is studied 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. This is an interdisciplinary course cross-listed as HUM3070 and SOC3070.

Prerequisite(s): ENG1021 or ENG1027, junior status.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **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 status, sophomore status.

Offered at Denver, Providence

4.5 Quarter Credit Hours

## **Information Technology (ITEC) Courses**

### **ITEC1000 Help Desk Concepts**

This introductory course provides students with an overview of the topics relevant to working at a help desk or customer support center. Four major components are covered: people, processes, technology and information. Emphasis is placed on the design and management of each component as an integral and mandatory part of the support function.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **ITEC1020 Introduction to Data Communications**

This is an introductory course to the concepts and components of a data communications system. Hardware and software features are reviewed to present the elements of and interactions in a data communications network. Communications interfaces, industry standards and communications protocols are presented in reference to understanding the actual throughput of data in a communications environment. Students are introduced to network topologies and their various application areas.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **ITEC2050 Special Topics in Technology**

This course gives the student the opportunity to study unusual, cutting-edge and advanced topics in the technology field. Topic areas include Graphic Design & Digital Media (ITEC2051), Exploring Mobile Application Development with the iPhone (ITEC2052), Engineering Studies (ITEC2053), Computerized Drafting (ITEC2054), IT Professional Studies (ITEC2055), Foundations in Technology (ITEC2056), and Technology Internship (ITEC2057). Each individual section of the course will be specially designed. The School of Engineering & Design the specific outline, outcomes, texts, materials and performance skills (if any) of each section early in the term preceding it.

Prerequisite(s): Permission of instructor.

Offered at Providence

4.5 Quarter Credit Hours

### **ITEC2051 Special Topics in Technology: Computer Graphics/Web**

This Course gives students the opportunity to study unusual, cutting-edge and advanced topics in the technology field. Each individual section of the course will be specifically designed. The School of Engineering & Design will announce the specific outline, outcomes, texts, materials and performance skills (if any) of each section early in the term preceding it.

Prerequisite(s): Permission of instructor.

Offered at Providence

4.5 Quarter Credit Hours

### **ITEC2052 Special Topics in Computer Information Science**

This course gives students the opportunity to study unusual, cutting-edge and advanced topics in the technology field. Each individual section of the course will be specially designed. The School of Engineering & Design will announce the specific outline, outcomes, texts, materials and performance skills (if any) of each section early in the term preceding it.

Prerequisite(s): Permission of instructor.

Offered at Providence

4.5 Quarter Credit Hours



**ITEC2053 Special Topics in Engineering**

This course gives students the opportunity to study unusual, cutting-edge and advanced topics in the technology field. Topic areas include Engineering Studies (ITEC2053). Each individual section of the course is specially designed. Prerequisite(s): Permission of instructor.  
Offered at Providence  
4.5 Quarter Credit Hours

**ITEC2060 Special Topics in Technology and Lab**

This course gives the student the opportunity to study unusual, cutting-edge and advanced topics in the technology field and apply the knowledge in a laboratory setting. Topic areas include Graphic Design & Digital Media (ITEC2061), Computer Information Science (ITEC2062), Engineering Studies (ITEC2063), Computerized Drafting (ITEC2064), IT Professional Studies (ITEC2065), Foundations in Technology (ITEC2066) and Technology Internship (2067). Each individual section of the course will be specially designed. The School of Engineering & Design announces the specific outline, outcomes, texts, materials and performance skills (if any) of each section early in the term preceding it. Prerequisite(s): Permission of instructor.  
Offered at Providence  
6 Quarter Credit Hours

**ITEC2070 Advanced Special Topics in Technology**

This course gives the student the opportunity to study unusual, cutting-edge and advanced topics in the technology field in an intensive, immersion-style setting. Topic areas include Graphic Design & Digital Media (ITEC2071), Computer/ Information Science (ITEC2072), Engineering Studies (ITEC2073), Computerized Drafting (ITEC2074) IT Professional Studies (ITEC2075), Foundations in Technology (ITEC2076) and Technology Internship (2077). Each individual section of the course will be specially designed. The School of Engineering & Design will announce the specific outline, outcomes, texts, materials and performance skills (if any) of each section early in the term preceding it. Prerequisite(s): Permission of instructor.  
Offered at Providence  
9 Quarter Credit Hours

**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 will 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 will conduct in-depth examinations of the 802.3, ARP, IP (versions 4 and 6), ICMP, and RIP protocols. Comparison of protocols will be made by type. Students will 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): ITEC1020 or CSIS1020, ENGN1025.  
Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**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. In this course students will examine the details of software implementation of these protocols. Students will understand the inter-play 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 will 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, Corequisite: MATH2001.  
Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**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 hands-on 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 and CSIS1020 or CSIS2060 or CSIS2065.  
Offered at Providence  
4.5 Quarter Credit Hours

**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): CSIS2045, CSIS2050, ITEC2081.  
Offered at Providence  
4.5 Quarter Credit Hours

**ITEC3020 Information Science I**

This course provides a general introduction to information science. Topics include an introduction to information systems, the role of information in organizations and decision making and the role of computers in information processing. Prerequisite(s): FIT1000 or FIT1012.  
Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**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 will examine the requisite hardware and software constructs necessary for successful router development and use. Students will examine advanced topics such as convergence, first mile/ last mile, QOS, and switching and routing fabrics. Students will examine the behavioral complexities which emerge as a result of distributed autonomous routing and switching cohorts. Students receive hands-on experience in lab exercises by designing their own networks and dissecting a router (hardware and software). Prerequisite(s): CSIS1050, CSIS2050, ITEC2082.  
Offered at Providence  
4.5 Quarter Credit Hours

**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 highly recommended for non-computer majors as well as required for majors in this program. Prerequisite(s): FIT1014 or FIT1040.  
Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**ITEC3050 Information Security**

This course presents all aspects of computer and information security including data encryption, zero-knowledge based proofs, public key coding and security procedures. 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 Providence, Providence CE  
4.5 Quarter Credit Hours



**ITEC3060 Network Management and Administration**

This course allows students to implement many of the concepts of earlier courses under simulated workplace conditions. This course focuses on the techniques for implementing a network, configuring products, managing networks, implementing network services (email, FTP, Telnet, HTTP), and providing protections and safeguards commensurate with usage requirements. This course will also introduce students to important concepts in the use of cloud computing.

Prerequisite(s): ITEC2085, ITEC3010, ITEC3031, ITEC3075.

Offered at Providence  
4.5 Quarter Credit Hours

**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 Providence, Providence CE  
4.5 Quarter Credit Hours

**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 Providence, Providence CE  
4.5 Quarter Credit Hours

**ITEC3080 Information Management**

Information management techniques are presented with an emphasis on file-accessing methods, database systems, text retrieval systems, paperless computing and the Internet. The management of records on stand alone and networked systems is examined along with the issues relative to managing information on the World Wide Web. Students are made aware of the various theories and options available for text and information storage and retrieval. Security and communication issues are covered along with the issues related to the World Wide Web.

Prerequisite(s): ITEC3020.

Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**ITEC3083 Wireless Networking**

This course covers the design and implementation of wireless networks and mobile systems. Course material will acquaint students with best industry practices and standards. The topics include practical wireless communication systems, cellular and wireless mesh networks, antenna theory, signal transmission basics, wireless network security and management. The course will also discuss recent advances in wireless such as network coding, interference alignment and cancellation, and emerging security and management techniques.

Prerequisite(s): ITEC2082.

Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**ITEC3085 Systems Design**

This course is both a theoretical approach to the development of information systems as well as an immersion into the real-world implementation in the context of a business case. The student learns the basic design tools, as well as gains an appreciation for the larger context of the organization in which the application generates value. Readings and case studies highlight the need to consider systems integration issues, external constraints in the form of regulatory issues, organizational process change, learning and training requirements as well as development of a systems maintenance and obsolescence plan.

Prerequisite(s): ITEC3040.

Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**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

4.5 Quarter Credit Hours

**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

4.5 Quarter Credit Hours

**ITEC6534 Strategic Management of Information Technology**

Strategic IT management is a multi-dimensional construct that characterizes the extent to which organizations plan, implement, and use information systems in a competitive manner. This course examines four dimensions: 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

4.5 Quarter Credit Hours

**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

4.5 Quarter Credit Hours

## Integrative Learning (ILS) Courses

**ILS2003 The American Dream**

This course will address the broad theme and question of "What is the American Dream" and also ask "Have we achieved it?" "Has it changed" and, "what is the cost of pursuing it?" We will explore this topic through various themes, including "Manifest Destiny", "The Immigrant Experience", "Civil Rights", "Gender Rights", "The Pursuit of Happiness", "Work and Business", and "Class and Culture." While this course will primarily be a literature course, it will use a multidisciplinary approach to explore this topic from various perspectives, including history, economics, ethics, culture, psychology, and political science.

Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**ILS2010 20th Century Literature: A Multi-Disciplinary Approach**

Through the study of the 20th century literary works, fine arts, humanities, and social and political sciences, this multi-disciplinary honors course explores the relationship between modern world literature and its historical, social, and political contexts. Short fiction, poetry, drama, and 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): ENG1020 or ENG1024 or English placement, sophomore status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**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 will vary). By reading texts through the lenses of postcolonial literary theory, history, philosophy, and ethics, students will 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): ENG1024 or English placement, honors status, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence  
4.5 Quarter Credit Hours

**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): ENG1020 or ENG1024 or English placement, sophomore status. (OL)

Offered at Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**ILS2110 The Atomic Age**

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 will explore the multiple ways in which we continue to live in an Atomic Age.

Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status.

Offered at Denver, Providence, Providence CE  
4.5 Quarter Credit Hours

**ILS2120 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 reviews the use and application of capital punishment in the United States from the colonial period to the present. Emphasizing the multidisciplinary approach, it will assess the rationales and justifications for state-sponsored executions and the efficacy of that reasoning in the modern world. The 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.

Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status.

Offered at Providence, Providence CE  
4.5 Quarter Credit Hours

**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): ENG1020 or ENG1024 or English placement, sophomore status.

Offered at North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**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): ENG1020 or ENG1024 or placement, sophomore status.

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**ILS2180 Sexuality: Science/Culture/Law**

Since 1950, there have been multiple revolutions in the way we conceptualize sexuality. In biology, evidence has mounted that sexual orientation is genetically and physiologically hardwired rather than a choice or preference. Literature and popular culture have moved from portraying homosexuality 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. 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 non-straight? Or did these things occur independently? How do we relate these developments to the post-structural analysis of sexuality that sexual identity is a modern invention?

Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status.

Offered at Charlotte, Providence, Providence CE  
4.5 Quarter Credit Hours

**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): ENG1020 or ENG1024 or English placement, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**ILS2215 Honors Seminar: The Earth in Peril: A Literary and Scientific Analysis**

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): ENG1024 or English placement, honors status, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence  
4.5 Quarter Credit Hours

**ILS2370 Obesity**

This course considers the now global problem of obesity from the biological, psychological and sociological perspectives. Since the 1970s there has been a rapid increase in the incidence of overweight and obesity in the United States with 65% 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 will be 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 health care costs that will compromise America's competitiveness.

Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**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): ENG1020 or ENG1024 or English placement, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**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, senior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**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, MATH1035 or equivalent, senior status.

Offered at Charlotte, Providence, Providence CE

4.5 Quarter Credit Hours

## 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): MGMT1001 or MGHI1000, sophomore status. (HY)

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**IBUS2020 Seminar on the European Union**

This course deals with the detailed study of the development of the European community and the implications that it has for American business. Specific companies in selected countries are studied as to how they are affected by community laws, tariffs and production regulations. Considerable emphasis is placed on outside speakers, articles and video cases.

Prerequisite(s): ECON1001.

Offered at Providence

4.5 Quarter Credit Hours

**IBUS2030 Foreign Area Studies**

This course is designed as a seminar course with topics changing from term to term, depending upon the dynamics of change in key global markets. Topic areas include China (IBUS2031), Pacific Rim (IBUS2032), Latin America (IBUS2033), Russia (IBUS2034), Eastern Europe (IBUS2035) or Africa (IBUS2036). The course is structured to focus on four primary components: business, economics, politics and culture, essentially in this priority.

Prerequisite(s): ECON1001. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**IBUS2031 Foreign Area Studies: China**

This course is designed as a seminar course with topics changing from term to term, depending upon the dynamics of change in key global markets. Topic area includes China.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**IBUS2032 Foreign Area Studies: Pacific Rim**

This course is designed as a seminar course with topics changing from term to term, depending upon the dynamics of change in key global markets. Topic area includes Pacific Rim.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**IBUS2033 Foreign Area Studies: Latin America**

This course is designed as a seminar course with topics changing from term to term, depending upon the dynamics of change in key global markets. Topic area includes Latin America.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**IBUS2034 Foreign Area Studies: Russia**

This course is designed as a seminar course with topics changing from term to term, depending upon the dynamics of change in key global markets. Topic area includes Russia.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**IBUS2035 Foreign Area Studies: Eastern Europe**

This course is designed as a seminar course with topics changing from term to term, depending upon the dynamics of change in key global markets. Topic area includes Eastern Europe.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**IBUS2036 Foreign Area Studies: Africa**

This course is designed as a seminar course with topics changing from term to term, depending upon the dynamics of change in key global markets. Topic area includes Africa.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours



**IBUS2040 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): MGMT1001 or MGHI1000, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**IBUS3055 International Resource Management**

Slow economic growth and sovereign debt mark an era of economic and managerial reorientation and renewal. Students will explore the opportunities of efficient resource use and innovation as a creative response to changed international economic and trade conditions. The course will analyze environmental realities on 5 continents and use 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 will be discussed. Students completing this course will have a better understanding of the new, post-material economy and its demands on individual and managerial change.

Prerequisite(s): IBUS2002 or ECON1002, junior status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**IBUS4020 International Business Seminar**

This is an upper-level School of Business course dealing with environmental analysis, objective setting, positioning, examination and implementation of quality and tactical approaches used to manage quality improvement efforts in organizations abroad. This is the preparatory course for the IBUS4082 Study Abroad program.

Prerequisite(s): 3.0 cumulative GPA, 90 credit hours of completed coursework.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**IBUS4023 International Marketing Communications Seminar**

This course allows students to prepare an integrated marketing communications case for a multinational organization and make a presentation of their recommendations to that host organization and/or their advertising agency abroad. The plan includes recommendations based on primary and secondary research findings, as well as a fully integrated marketing communications plan. Upon completing the initial stage of the case, students travel to the international partner site where they continue to work on the implementation of this plan. Faculty from both Johnson & Wales and the partner work with students on the case.

Prerequisite(s): ADVC2001.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**IBUS4082 Operations Management and Process Improvement Abroad**

This course is an upper level School of Business course in which students implement and present the project developed during IBUS4020 preparatory classroom-based course at the host company in an international (non-U.S.) setting. Students engage in a major project management initiative incorporating quality and process improvement tools. Projects are developed jointly by the advisors and host company, and students implement the initiative.

Prerequisite(s): IBUS4020, 3.0 cumulative GPA, permission of department chair.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
9 Quarter Credit Hours

**IBUS4083 International Marketing Communications Abroad**

Students work on an international marketing campaign and make a presentation of their recommendations to the host organization and/or their advertising agency abroad. The plan includes recommendations based on primary and secondary research findings, as well as a fully integrated marketing communications plan. Students continue to work on the implementation of this plan at the international partner site. Faculty from both Johnson & Wales and the partner work with students on the case.

Prerequisite(s): ADVC2001, IBUS4023.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
9 Quarter Credit Hours

**IBUS4090 International Business Experience**

This course refers to a series of options available that total 13.5 credits: 1) Students choose from a range of study abroad options including short-term 3 1/2 to four-week summer programs, spring term three-month programs, or four-to-five month independent exchanges. Each program has its own academic focus and prerequisites. Students apply for their program of choice through Study Abroad. After selection into a program, students engage in orientation and academic pre-departure work before embarking on their immersion into foreign cultural and business settings. In some cases, JWU faculty lead the program and travel with the students. In other cases local hosts lead the program, but in all programs students participate in a rigorous study and travel experience. The purpose of these study abroad experiences is to increase students' global awareness as they explore their program's specific academic focus. Course delivery consists of lecture, industry visits and cultural excursions. Eligible students are guided by Study Abroad to register for the appropriate course(s) specific to their program. 2) Eligible students may opt to take IBUS4020 Summer Work Abroad International Seminar and a specific course from the IBUS4080 Series of Summer Work Abroad Programs: IBUS4082 or IBUS4086. 3) Students not eligible to take the international business programs, internships or SWAP programs take three additional electives from the School of Business or the School of Engineering & Design. Students should consult with their faculty advisor to make their selection. Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
13.5 Quarter Credit Hours

**IBUS4091 Economics and Trade in an International Context**

This course is taught only as part of a short-term summer study abroad program. Students examine international economics and business, management, entrepreneurship and comparative economics and issues such as international trade and foreign exchange. Before departure, students explore basic of the host country history and culture to help understand country better and learn the context for people, society and international business. While in the host country, students discuss case studies and take lectures offered by professors and business people. Classroom-based presentations are augmented with frequent excursions to various business, government and financial institutions.

Prerequisite(s): 2.75 cumulative GPA, 90 credit hours of completed coursework.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
13.5 Quarter Credit Hours

**IBUS4092 Marketing Communications in an International Context**

This course is taught only as part of a short-term summer study abroad program. The purpose of this upper-level course is to place students in an international context in which they can gain firsthand knowledge of how multinational organizations use positioning and communications 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 communications plans, including advertising, public relations and media strategies.

Prerequisite(s): ADVC1010, ADVC1011, 2.75 cumulative GPA, 90 credit hours of completed coursework.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
13.5 Quarter Credit Hours

**IBUS4093 Human Resource Management in an International Context**

This course is taught only as part of a short-term summer study abroad program. The purpose of this upper-level course is to place students in an international context in which they can gain firsthand knowledge of how the cultural, socioeconomic and legal context in which companies are run influences the management models employed. The five functional areas of HRM: planning, recruitment and selection; HR development, compensation and benefits; safety; health; and employee and labor relations are addressed using a global perspective. Key differences in Asian, North American and European management models are explored. Industry visits, cultural excursions and on-the-ground projects provide students with the knowledge of how management models influence all aspects of human resource management.

Prerequisite(s): (MGMT1001 or MGHI1000), MGMT2001, 2.75 cumulative GPA, 90 credit hours of completed coursework.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
13.5 Quarter Credit Hours

**IBUS4099 International Business Internship**

The International Business Internship offers students an experiential learning opportunity within an authentic global business. Students examine how global business is managed and conducted. Students apply previous coursework and research to a variety of onsite business tasks. Through the internship and reflective assignments, students improve their understanding of what it takes to manage a business. The internship provides students with direct knowledge of and experience in the particular demands and expectations of a global company. Students earn academic credit for work experience in the global business.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Denver, North Miami, Providence, Providence CE

4.5-13.5 Quarter Credit Hours

**IBUS4191 Fashion Merchandising and Retail Management in an International Context - Milan, Italy**

This course is taught only as part of a short-term summer study abroad program. The purpose of this upper-level course is to place students in an international context in which they can gain firsthand knowledge of how multinational fashion/retail organizations use trend analysis and forecasting in designing collections to promote both product and brand globally.

Industry visits, cultural excursions and experiential projects with industry professionals provide students with the knowledge and skills to develop fashion/retail-related promotional plans including trend analysis reports, public relations and media strategies (press releases and trade columns), and a final fashion-related event (showroom exhibit and/or fashion/runway show).

Prerequisite(s): MRKT3005, RTL1005, RTL1010, RTL2095 or MRKT1001.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

13.5 Quarter Credit Hours

**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 the theory of openness, absolute and comparative advantage, tariffs, non-tariff barriers to trade, importing into the United States, regional trade agreements, trade policies for developing nations, and the effect of public policy on international trade. In addition, students gain insight into the ethical, international and multicultural dimensions of organizational behavior. The effective use of the Internet and its various international trade sources is an integral part of this course.

Prerequisite(s): Completion of required foundation courses. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

**IBUS6020 International 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.

Prerequisite(s): MGMT5500 or RSCH5500, MGMT5800. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**IBUS6026 Emerging Economies**

This course investigates the opportunities for companies operating both internationally and domestically that have been created as a result of economic development in Africa, Asia, Eastern Europe and Latin America. Students learn the different array of challenges emerging economies pose compared to ones commonly found in the developed markets. New strategies and tactics are developed in response to economic, social and cultural institutions of these countries. This course is most beneficial for students who are interested in understanding the potentials for interaction between firms and the emerging markets.

Prerequisite(s): IBUS5511, MGMT5800.

Offered at Providence

4.5 Quarter Credit Hours

**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 alternate dispute resolution. 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): Sophomore status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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 employers. 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 LAW2010, sophomore status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**LAW3005 Adjudication Workshop I**

This workshop course presents an overview of the adjudicative process as practiced in a variety of American venues including, but not necessarily limited to, trial courts, government agencies, and appellate forums. The course emphasizes the preparation of students to compete in the American Mock Trial Association annual competition (note: only student volunteers will enter the competition; each enrolled student is not required to do so). The course provides the opportunity for students to prepare, present, participate, and preside over "real-life" contested matters with an emphasis on judicial hearings (e.g., trial and appeal).

Prerequisite(s): CJS1002 or LAW2001, sophomore status.

Offered at Denver, Providence, Providence CE

2.25 Quarter Credit Hours

**LAW3006 Adjudication Workshop II**

This workshop course presents an overview of the adjudicative process as practiced in a variety of American venues including, but not necessarily limited to, trial courts, government agencies, and appellate forums. The course will provide the opportunity for students to prepare, present, and preside over "real-life" contested matters with an emphasis on non-judicial hearings (e.g., parole and police hearings).

Prerequisite(s): CJS1002 or LAW2001, sophomore status.

Offered at Denver, Providence, Providence CE

2.25 Quarter Credit Hours



**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 will concentrate 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, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**LAW3090 Evidence**

This course is a study of the law of evidence as a system of rules and standards directed at determining what proof is to be admitted in the course of litigation. Emphasis is placed on formal discovery mechanisms, relevance, witness examination, impeachment, rehabilitation, privileges, burdens of proof, judicial notice, presumptions, real and demonstrative evidence, expert testimony, materiality, confrontation and hearsay.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**LAW3092 Sports, Entertainment and Event Management Law**

This course provides the Sports, Entertainment and Event Management major with an understanding of the legal issues that shall have an impact upon their business practices. The course concentrates on the following topics: negligence, intentional torts and crime, risk management, intellectual property, industry-specific contracts, discrimination, labor relations, various forms of business organization, and regulation of sports agents.

Prerequisite(s): LAW2001.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**LAW4020 The Law of Contracts and Sales**

This course is a study of the legal principles and rules of both common law contracts and contracts for the Sale of Goods under Article 2 of the Uniform Commercial Code through the study of appellate cases, legislative enactments, legal terminology, and hypothetical problem solving. The course examines contract formation, performance, enforcement, discharge and remedies for breach.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**LAW4035 Administrative Law**

This course introduces the student to the function and procedures of state and federal administrative agencies. The rule-making, investigatory, adjudicatory, and enforcement functions of such agencies are studied. The role of judicial review is also explored.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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): LAW3010, completion of required accounting prerequisite and foundation courses.

Offered at Providence

4.5 Quarter Credit Hours

## Leadership Studies (LEAD) Courses

**LEAD0001 Resident Assistant Leadership**

This course is required of all RAs to prepare them for the challenging responsibilities of residential life. The course focuses on developing those leadership skills required of the position - including conflict resolution, dealing with negativity, team building skills, diversity and communication.

Offered at Denver, North Miami, Providence

1.5 Quarter Credit Hours

**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. (SL)

Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**LEAD2010 Special Topics in Leadership**

The field of leadership studies encompasses a wide and complex range of topics. This course presents students and faculty alike with a unique opportunity to examine revolving areas of current and relevant leadership theories and practices. Areas of specialized leadership interest include, but are not limited to: Global Issues, Women in History (LEAD2011), Entrepreneurial, Sub-Saharan Leadership or Business and Religion.

Prerequisite(s): LEAD1010.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**LEAD2011 Leadership and Women in History**

The field of leadership studies encompasses a wide and complex range of topics. This course presents students and faculty alike with a unique opportunity to examine revolving areas of current and relevant leadership theories and practices. Area of specialized leadership interest include, but are not limited to Women in History.

Prerequisite(s): LEAD1010.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**LEAD2012 Power and Leadership**

This course provides an overview of the nature and types of power in today's business world. The relationship between power and influence is also explored. Since issues of power present unique challenges to students beginning new careers, special attention is given to the topics of supportive communication, relationship building and organizational politics.

Prerequisite(s): LEAD1010 or SOC1001 or SOC2005.

Offered at Denver, Denver CE, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**LEAD2030 Leadership Through Film and Literature**

This course is an examination of contemporary theories pertaining to leadership in group, organizational and societal settings. The content of the course draws from the humanities as viewed through film and literature selections to illustrate different leadership styles and concepts. The course is based on the premise that leadership, like literature and film, is an art form whose effectiveness is enabled and enhanced through visual presentation.

Prerequisite(s): LEAD1010 or SEE2015 or permission of department chair.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**LEAD3020 Creative Leadership**

Creativity can be a valuable tool for leadership in the 21st century. 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.

Prerequisite(s): LEAD1010 or SEE2015 or permission of department chair.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

## Liberal Studies (LIBS) Courses

**LIBS3099 Liberal Studies Internship**

Students may choose an internship in a variety of fields, such as public service or communications, and in many settings, including nonprofit and government agencies, arts organizations, or others related to their interests. Internship assignments provide opportunities for students to gain real world experience by applying their skills and knowledge to meet the needs of a business, agency or community organization.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a 2.75 cumulative GPA during the entire pre-program application process, 2) have completed 90 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Charlotte, Denver, Online, Providence, Providence CE

4.5-13.5 Quarter Credit Hours

## Literature (LIT) Courses

**LIT2001 An Introduction to Literary Genres**

This 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.

Prerequisite(s): ENG1020 or ENG1024 or English placement. (SL) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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 placed on the historical and social significance of major works of African-American literature, as well as on the unique artistic contributions of African-American authors to the American literature canon.

Prerequisite(s): ENG1020 or ENG1024 or English placement. (SL)

Offered at Charlotte, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**LIT2040 American Literature I**

This course acquaints the student with American literature from its Puritan origins through the mid-19th century. Students study representative authors, poets, and playwrights and are exposed to a variety of forms, styles and genres. Special attention is paid to the formation of the American literary tradition.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**LIT2050 American Literature II**

This course acquaints the student with American literature from the Civil War to the present. Students study representative authors, poets, and playwrights and are exposed to a variety of forms, styles and genres. Special attention is paid to the development of our national identity through literary experience.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**LIT2070 Studies In The Short Story**

This course prepares the student to read, analyze, and write about the short story from different critical perspectives. Students study representative authors and are exposed to a variety of forms and styles of the short story from a wide range of historical periods.

Prerequisite(s): ENG1020 or ENG1024 or English placement.

Offered at Charlotte, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**LIT3015 Food In Film And Literature**

This course is designed to acquaint the student with the art forms of film and literature with a focus on food as its primary subject. The course focuses on the important books, essays, short stories, plays and films that have made major achievements in film and literature. Students develop the critical skills necessary to increase their understanding of the experience of film and literature.

Prerequisite(s): ENG1021 or ENG1027. (OL)

Offered at Charlotte, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**LIT3018 Honors Seminar: Food in Film and Literature**

This reading and writing-intensive Honors seminar will trace 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 & screenings students develop an analytical perspective on the study of food in film & literature that they apply to a research project of their own design.

Prerequisite(s): ENG1027, honors status, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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, Providence, Providence CE

4.5 Quarter Credit Hours

**LIT3040 Sports in Film and Literature**

This course focuses on the significant inspiration of athletic endeavors upon the literary and cinematic imagination. Writers of fiction and non-fiction, prose writers, and poets have discovered in the athletic experience a useful metaphor to express the very 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.

Prerequisite(s): ENG1021 or ENG1027. (OL)

Offered at Charlotte, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**LIT3050 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. (OL)

Offered at Charlotte, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Providence, Providence CE

4.5 Quarter Credit Hours

## Management (MGMT) Courses

**MGMT1001 Contemporary Business Management I**

This course provides students with the fundamental understanding of business, management and the different disciplines within business. The history of management and the evolution of organizations are examined. The course addresses the different functions of business and management while identifying the impact of business strategy and ethics on stakeholders. Integral to this course is career exploration and development of professional interest. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**MGMT1002 Contemporary Business Management II**

This course provides students with the opportunity to apply business knowledge within the context of simulations, business projects and/or business cases while developing personal and professional planning skills, as well as written and oral communication skills. The appropriate use of decision-making frameworks and best practices to stimulate creativity and innovation are reviewed. Students are introduced to the concepts and skills associated with management, group facilitation, team development and leadership as applied to contemporary business issues.

Prerequisite(s): MGMT1001 or MGH1000. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MGMT2001 Human Resource Management**

This foundation course provides students with knowledge, skills and understanding of human resource management and workforce development. Students learn about major human resource functions and how each impacts the performance of the organization. Organizational psychology and management research informs students' understanding of how best to manage human resource functions.

Prerequisite(s): MGMT1001 or MGH1000. (SL) (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MGMT2020 Organizational Behavior**

This course surveys current concepts regarding organizational and behavioral theory. Focus is on the roles of individuals and teams and their impact on the contemporary business environment. Students explore how leaders and employees act and react to various challenges. A particular emphasis is placed on employee development in an ever-changing, global work environment. Topics include learning, motivation, leadership, communications, interpersonal relationships, personality and culture, and their impact on job performance, organizational commitment and organizational performance.

Prerequisite(s): Sophomore status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MGMT2030 Operations and Supply Chain Management I**

This course acquaints students with the fundamentals of operations and supply chain management in both the manufacturing and service sectors. The course recognizes 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): MGMT1001 or MGH1000, sophomore status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MGMT2040 Purchasing and Supply Chain Management**

This course examines the dynamic field of production and the management of the entire supply chain. Major areas of study include purchasing's role in the organization, global sourcing, new models for supplier involvement and management, and new product development. The role of purchasing and total quality management is a pervasive theme throughout the course. Students are exposed to the theoretical and practical issues to prepare them for the National Association of Purchasing Managers (NAPM) certification exam.

Prerequisite(s): ENTR1001 or MGMT1001 or MGH1000.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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): FIT1003 or FIT1040, MGMT2030. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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): MATH1035, MGMT2030. (OL)

Offered at Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MGMT3070 Special Topics in Human Resource Management**

This course is a forum for special issues and emerging areas within the field of human resource management. Students examine current research and commentary on the selected special topics. Practical skill exercises (such as in-class exercises), case studies, site visits and visiting experts in the field enhance learning. Students apply theory and concepts from earlier coursework, and benefit from the opportunity to think critically and assess current human resource issues.

Prerequisite(s): Two of the following: MGMT3005, MGMT3035, MGMT3050, MGMT3060. (OL)

Offered at Charlotte, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MGMT4001 Process Planning and Control**

This course offers a quantitative approach to operations and supply chain management problems. Key areas of focus include the management of waiting lines, forecasting, inventory, location/scheduling and project management. Particular emphasis is placed on the application of tools and techniques to solve problems such as linear programming and other methodologies widely used in business settings.

Prerequisite(s): MGMT2030 or MGMT3035, MGMT3040. (OL)

Offered at Charlotte, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours



**MGMT4030 Senior Business Capstone**

Senior Business Capstone 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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**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): MGMT4020, senior status. (OL)

Offered at Charlotte, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**MGMT4070 Strategic Human Resource Management**

This Human Resource Management capstone course focuses on the strategic deployment of human capital to support organizational strategy. Students engage in case study and team exercises to develop human resource strategies and arguments to advocate for their implementation. Students are asked to assess the competitive environment and align human resource systems behind these strategies while building a high-performance work system. Students are also asked to identify the appropriate changes within the human resource systems to support day-to-day operations.

Prerequisite(s): MGMT4020, senior status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**MGMT4099 Management Internship**

The Management Internship offers students an experiential learning opportunity to experience the management of an authentic business. Students study firsthand the challenges, nuances and everyday expectations associated with a variety of management functions within a business. They are expected to apply previous management course work and research to onsite tasks. Through the internship and reflective assignments, students improve their understanding of what it takes to manage a business. The internship provides students with knowledge of the particular demands and expectations specific to managing a business. Students gain academic credit for work experience in management.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5-13.5 Quarter Credit Hours

**MGMT5500 Business Information and Decision-Making**

This course enables graduate students to develop problem-solving, critical thinking and quality decision-making skills that are important for business managers and leaders. Students examine processes for problem solving and develop techniques in critical thinking to improve their understanding and evaluation of business information. The course examines the research process from preliminary data-gathering techniques to problem identification and hypothesis development. Students review pertinent 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 research process and its applicability to his/her career endeavors. This course provides a forum for students to improve research and presentation skills through discussion and practical applications.

Prerequisite(s): Completion of required foundation courses. (HY) (OL)

Offered at Denver, Online, Providence  
4.5 Quarter Credit Hours

**MGMT5575 Operations Management**

Operations Management (OM) is an area of study that impacts the manufacturing and service industries. 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): MGMT5800. (HY) (OL)

Offered at Denver, Online, Providence  
4.5 Quarter Credit Hours

**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 participating in numerous analyses of the kinds of situations requiring management attention that mid- to upper- level executives are likely to encounter. 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.

Prerequisite(s): MGMT5500 or RSCH5500, completion of required foundation courses. (HY) (OL)

Offered at Denver, Online, Providence  
4.5 Quarter Credit Hours

**MGMT5900 Ethics, Corporate Social Responsibility and Law**

The focus of this course is to challenge 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. (HY) (OL)

Offered at Denver, Online, Providence  
4.5 Quarter Credit Hours

**MGMT6000 The Leader as Coach**

This is an advanced management course that enables students to gain competence in the specific techniques that effective leaders use to empower their workforce through coaching. Students learn the fundamental theories of coaching through selected readings and class presentations, and use this knowledge to engage in experiential exercises. During these exercises, students receive feedback on their technique. Once competence is gained in fundamental skills, students are encouraged to develop their own personal method of coaching and to adapt their style of coaching to different situations. Particular emphasis is given to dealing with cultural issues encountered when coaching a global workforce. Students conduct research through self-assessments and group projects on selected topics in coaching.

Prerequisite(s): MGMT5500 or RSCH5500, MGMT5800.

Offered at Providence

4.5 Quarter Credit Hours

**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): MGMT5500 or RSCH5500, MGMT5800. (OL)

Offered at Denver, Online, Providence  
4.5 Quarter Credit Hours



**MGMT6050 Labor 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.

Prerequisite(s): MGMT5800, MGMT6123. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**MGMT6056 Contemporary Leadership Issues and Strategies**

Building on concepts and skills acquired in our 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. The 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): MGMT5500 or RSCH5500, MGMT5800. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours

**MGMT6075 International and Comparative Employment Law**

This course examines the labor and employment law of various countries important to the global economy at the beginning of the 21st century. Regional trade agreements such as NAFTA and the European Union are also analyzed as well as international labor standards promulgated by the International Labor Organization. Key employment issues for comparative analysis include such areas as individual employment, unions and collective bargaining, discrimination and privacy.

Prerequisite(s): MGMT6123 or permission of dean.

Offered at Providence

4.5 Quarter Credit Hours

**MGMT6123 Contemporary Human Resource Issues and Strategies**

This course reviews how mid- to upper-level managers working collaboratively with human resource specialists in both domestic and international organizations can address traditional human resource concerns (employee recruitment, selection, training, motivation, compensation and performance appraisal) within the context of strategic planning. A major focus of this course is on developing diagnostic and problem solving skills through participating in numerous analyses of the kinds of human resource issues that mid to upper level executives are likely to encounter. Students conduct and present in-depth research on selected topics in the field of human resources.

Prerequisite(s): MGMT5800. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

**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 strategies 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): All core courses. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

**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). (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

**Marketing (MRKT) Courses****MRKT1001 Principles of Marketing**

This is an introductory course in the study of marketing with an emphasis on marketing theory and basic marketing principles and practices. Topics include introduction of the marketing mix: price, product, promotion and place; knowing your customer; services marketing; socially responsible marketing; and ethics, plus the importance of marketing in the domestic and global economies in both profit and nonprofit organizations. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT1002 Consumer Behavior**

The purpose of this course is to introduce the student to the various facets of consumer behavior, including the decision making process, problems, needs and goals, the consumer's search for information, and the evaluation of the purchase decision.

Prerequisite(s): MRKT1001.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT1011 Principles of Professional Selling**

This course is a hybrid of theory and training. 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 replaces the outdated transactional approach to selling. 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 Charlotte, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT2012 Sales Management**

This course teaches students about the strategic role of the selling function within the business unit. Students learn the basic concepts of determining market potential, forecasting sales, designing sales territories, setting quotas, structuring the sales team, and recruiting, selecting, leading and motivating both inside and outside sales people. The course focuses on the "field" (district) level of sales management.

Prerequisite(s): MRKT1011.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT2050 Marketing Research**

This course provides a broad overview of marketing research methods and the marketing research industry. Covering both qualitative and quantitative research techniques, the course familiarizes students with the appropriate uses and limitations of marketing research. This course increases student understanding of various marketing research techniques, gaining insights into data-driven decision making.

Prerequisite(s): MRKT1002, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 includes brand research, logo development, product packaging, marketing and advertising collateral, web branding, and broadcast advertising development as applicable to client need.

Prerequisite(s): MRKT2050, MRKT3005, junior status.

Offered at Charlotte, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3011 Data-Driven Marketing**

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, direct mail, catalog marketing and other forms of electronic media as they are used in data-driven marketing programs.

Prerequisite(s): MRKT1001, sophomore status. (HY)

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3020 Product Development**

This course examines the role of product development as a function of an integrated marketing system. Students will explore the synergy of design and technology to create consumer value. Topics covered include innovation, concept generation, global sourcing, and manufacturing processes.

Prerequisite(s): MRKT1001, MRKT1002.

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3025 Business-to-Business Marketing**

This course is a study of the development and maintenance of relationships in the business-to-business marketing channel. Special emphasis is on understanding various forms and appropriate uses of power in the channel. Topics also include the marketing of services as well as tangible goods in the business-to-business channel.

Prerequisite(s): MRKT1001 or HOSP3050, junior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3045 Social Media Marketing**

This course focuses on the strategic use of current and future social media platforms. Students develop a social media marketing plan using the major social media platforms and user-generated content tools for business. Students explore the use of 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): MRKT1001, sophomore status. (HY)

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3050 Techniques in Sales Management**

This course introduces students to the selling profession and process from the perspective of the sales manager, a role that relates to marketing communication and marketing strategy. Students explore the client needs assessment, consultative problem solving, and win-win negotiation strategies that enhance internal and external customer relationships. In addition to selling knowledge and skills, students gain an understanding of the roles and responsibilities of the sales manager. Important responsibilities such as territory management, account management, leadership, influence, motivation, recruiting, selection, training, compensation, forecasting and budgeting are addressed.

Prerequisite(s): ENG1030, (MGMT1001 or MGH11000 or MRKT1001), junior status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3055 Survey Research**

This course provides an overview of contemporary topics in quantitative research such as competitive intelligence, survey design and scale measurement. Students utilize current technology and software tools to create, distribute, analyze and interpret quantitative data. Students gain an understanding of modern market research techniques used to make sound business decisions.

Prerequisite(s): MRKT2050, MATH2001, junior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3084 Customer Care Strategies**

This course is designed to change student perceptions of customer service. Students compare and contrast "minimum standards" with surpassing the customer's expectations of value. Students learn to focus their creativity and energy on developing attitudes and using systems that will increase customer satisfaction and lead to customer referral. Students learn about the systems and technology that drive the best organizations, at all levels, at any stage of customer relations.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3085 Marketing Analytics**

This course teaches students to read and analyze marketing dashboards, which provide key performance metrics aligned with organizational objectives. Students compare and contrast different types of marketing metrics categories and learn how to use marketing mix models, focusing on developing company attitudes and utilizing systems that allow customers to relay their experiences. Students learn about the systems and dashboard technologies that drive the best organizations, at all levels, at any stage of relationships with customers.

Prerequisite(s): MRKT1001, junior status.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3150 Special Topics in Marketing**

This course is a study of selected current topics in the field of marketing. The course helps students understand how marketing impacts and is part of consumers, business and society. Emphasis is on exploring current literature, advanced problems and research tools applicable to the chosen topic. Focus is 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. The description for each topic is noted in each of the specific course outlines.

Prerequisite(s): ADV1010, junior status.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MRKT3210 Sustainable Entrepreneurship in Africa**

This course is the preliminary classroom portion of a study abroad program. Students collaborate with marine-based micro-enterprises from Tanzania and the Zanzibar Archipelago to come up with strategies to protect ecological and environmental resources, create self-reliance, and develop international markets for nature-based products to improve the well-being of coastal communities. Projects focus on small businesses such as sustainable dolphin tourism, pearl farming, shellcraft jewelry production, artisan craftsmanship and textiles. Student projects draw attention to the role of marketing in coastal livelihood development, which is important to policy makers, academics and coastal managers as climate change alters the coastal environment of Tanzania.

Prerequisite(s): 2.75 cumulative GPA, sophomore status, faculty recommendation.

Offered at Providence  
4.5 Quarter Credit Hours

**MRKT3220 Marketing in an International Context**

This course is part of a short-term summer study abroad program. Students are placed in an international context in which they can gain firsthand knowledge of how small businesses, government entities and nongovernmental organizations (NGOs) collaborate to promote sustainable entrepreneurship in Africa. The course includes industry tours, cultural excursions and student collaboration with small business clients to develop international markets and online presence for nature-based products and for ecotourism opportunities. Students begin with classroom project work, conduct a field study tour in Tanzania and Zanzibar, and present recommendations to project stakeholders abroad. The trip culminates with a safari experience. Students are required to produce a written international marketing plan, social and digital media, and a professional presentation, as well as maintain a portfolio of individual work.

Prerequisite(s): Sophomore status, acceptance into Study Abroad Program.

Offered at Providence  
4.5 Quarter Credit Hours

**MRKT4030 International Marketing**

This course deals with 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.

Prerequisite(s): MRKT1001, junior status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**MRKT4055 Strategic Marketing**

This capstone course aids students in developing the skills essential to anticipating and responding to the changing needs of customers and markets in the global economy and culture. The course explores marketing strategy using a combination of texts, readings, visiting speakers, websites, cases, a marketing simulation and field assignments. It is recommended that students complete all related professional studies courses before attempting this capstone course.

Prerequisite(s): MRKT1002, MRKT2050, MRKT3005 or ADVC2001, senior status. (HY)

Offered at Charlotte, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**MRKT4099 Marketing Internship**

The Marketing Internship course provides students the opportunity to gain academic credit for completing internships with marketing firms, corporations, or governmental entities. Eligible students may apply for a marketing internship assignment. This assignment is an industry experience that allows students to gain academic credit for an invaluable work experience in the marketing industry. Upon completion of this term-long course, students have an understanding of the demands and expectations of the industry, as well as the role played by the agency, the client, and media organizations.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5-13.5 Quarter Credit Hours

**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): MGMT5500 or RSCH5500. (HY) (OL)

Offered at Denver, Online, Providence  
4.5 Quarter Credit Hours

**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): MGMT5500 or RSCH5500, MRKT5500.

Offered at Providence

4.5 Quarter Credit Hours

**MRKT6030 Marketing Research**

This course is designed as an advanced study covering the total process of generating, transforming and appraising data into relevant information for the marketing decision-maker. Emphasis is placed on the utilization and analysis of research data. Additional areas discussed are research methodology, design techniques, survey development, sampling theories and techniques of statistical data analysis.

Prerequisite(s): MGMT5500 or RSCH5500, MRKT5500.

Offered at Providence

4.5 Quarter Credit Hours

**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.

Prerequisite(s): MGMT5500 or RSCH5500, MRKT5500.

Offered at Providence

4.5 Quarter Credit Hours

**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 not-for-profit 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. (HY) (OL)

Offered at Denver, Online, Providence

4.5 Quarter Credit Hours

## Mathematics (MATH) Courses

**MATH0010 Basic Mathematics**

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. (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

2.25 Quarter Credit Hours

**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. (HY) (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MATH1020 Fundamentals of Algebra**

This course provides students with a working knowledge of the basic elements of algebra. Topics covered include equations and inequalities, graphing, systems of equations, exponents and logarithms, factoring, rational expressions, and radicals.

Prerequisite(s): MATH0010 or math placement. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MATH1035 Quantitative Analysis I**

A continuation of Algebra, this course begins with the study of linear equations and their applications to business and economics. Matrices are covered in detail. Linear programming, quadratic models and a brief introduction to differential calculus are also presented.

Prerequisite(s): MATH1020 or math placement. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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 equivalent or math placement.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**MATH2001 Statistics**

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 MATH1020 or MATH1030 or MATH1035

(minimum grade of C in MATH1002 or MATH1020 required for hybrid sections of MATH2001) or equivalent. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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; sampling techniques; and an introduction to simulation techniques.

Prerequisite(s): MATH2001. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**MATH2020 Discrete Mathematics**

This course is designed to give students the basic mathematical concepts and methods that are prevalent in information science. Topics include sets, relations and functions, elementary graph and network theory, trees, matching algorithms, network flows, counting techniques, and recurrence relations.

Prerequisite(s): MATH1020 or Math placement or permission of department chair.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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 or equivalent or permission of department chair.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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, Providence CE

4.5 Quarter Credit Hours

**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, series solutions of linear differential equations, the solution of systems of linear differential equations along with their applications, and phase plane methods for nonlinear systems.

Prerequisite(s): MATH2040.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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, Providence CE

4.5 Quarter Credit Hours

**MATH4800 Special Topics in Mathematics**

This course presents a specialized area of mathematics in great detail. Each academic year, a specialized topic is chosen which is of interest to both students and faculty. Typical specialized topics which may be chosen include, but are not limited to, number theory, numerical analysis, matrix theory, mathematical logic, abstract algebra and geometry.

Prerequisite(s): MATH1002 or Math placement. May vary depending on topic.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**MATH5100 Statistical Methods**

This course features the statistical content tested on the Chartered Financial Analyst (CFA) certification exam. Topics include descriptive statistics, probability and probability distributions, sampling and hypothesis testing. (OL)

Offered at Online, Providence

4.5 Quarter Credit Hours



# Media & Communication Studies (MCST) Courses

## **MCST1010 Media, Culture, and Society**

This is a survey course that introduces students to the study of media in contemporary culture and society. The course focuses on three main areas: production, content, and reception. Students engage with a variety of concepts from the field of media studies, as well as with political-economic and social-cultural analyses of media.

Offered at Denver, Providence

4.5 Quarter Credit Hours

## **MCST1030 History of Media**

Media and history are more than scholarly subjects: they are also keywords in the principles and practices of public life. Building on that definition, this class asks students to grapple with the relationship between humanity and technology. While it is certainly possible to piece together historical events through yellowed letters or long-play records (media histories), this course asks students to interpret the meanings of letters or records (histories of media) in broader political-economic and social-cultural contexts. By the end of the course, students will have refined if not redefined their understanding of media to include all major modalities, from cave art to cell phones.

Offered at Denver, Providence

4.5 Quarter Credit Hours

## **MCST1050 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 regards to audience, timeliness and marketability in today's publishing industry.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Denver, Providence

4.5 Quarter Credit Hours

## **MCST1070 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 Denver, Providence

4.5 Quarter Credit Hours

## **MCST1090 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. Course 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.

Offered at Denver, Providence

4.5 Quarter Credit Hours

## **MCST2010 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 Denver, Providence

4.5 Quarter Credit Hours

## **MCST2030 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 Denver, Providence

4.5 Quarter Credit Hours

## **MCST2050 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 nineteenth, twentieth and twenty-first 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 Denver, Providence

4.5 Quarter Credit Hours

## **MCST2100 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 Denver, Providence

4.5 Quarter Credit Hours

## **MCST2200 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 Denver, Providence

4.5 Quarter Credit Hours



### **MCST2300 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): ART2010, ENG1021 or ENG1027.

Offered at Denver, Providence

4.5 Quarter Credit Hours

### **MCST3050 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 Denver, Providence

4.5 Quarter Credit Hours

### **MCST3090 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 and the digital divide). 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 Denver, Providence

4.5 Quarter Credit Hours

### **MCST3100 Radio, Records & 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 Denver, Providence

4.5 Quarter Credit Hours

### **MCST3200 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 Denver, Providence

4.5 Quarter Credit Hours

### **MCST3899 Media Internship**

This internship course requirement allows students to connect their academic course work with industry experience. While positions vary, students should be engaged in some facet of media work (e.g., researching, editing, writing, producing, designing, building) in virtually any media industry. MCST3899 is a required 4.5 credit course and elective credits may be added, creating a 9.0 or 13.5 credit internship. This course may be repeated twice with one or more companies or organizations, but must not exceed 13.5 quarter credits.

Prerequisite(s): To be eligible for this internship, students must: 1) have a GPA of 2.0, 2) have completed 90 hours of course work, and 3) have successfully completed the course, ENG1021, Advanced Composition and Communication or ENG1027, Honors Advanced Composition and Communications: Civic Discourse.

Offered at Denver, Providence

4.5-13.5 Quarter Credit Hours

### **MCST4010 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. Emphasis is 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, such as Nike sneakers, Tokyo Disneyland, Al-Jazeera America, Brazilian telenovelas and Nigerian popular music, artifacts and sites that bear the imprints of transnational media corporations and regional audiences.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Denver, Providence

4.5 Quarter Credit Hours

### **MCST4050 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 Denver, Providence

4.5 Quarter Credit Hours

### **MCST4100 Media Theory**

This course examines the major critical, cultural and social theories of media that have emerged from various schools and sites, such as Birmingham, Chicago, Columbia, Frankfurt, Paris and Toronto. Representative theorists studied include Stuart Hall, Louis Wirth, Paul Lazarsfeld, Walter Benjamin, Paul Virilio and Marshall McLuhan, among others. Students are expected to analyze, synthesize and evaluate multiple approaches to media studies.

Prerequisite(s): ENG1021 or ENG1027, MCST1010.

Offered at Denver, Providence

4.5 Quarter Credit Hours

### **MCST4190 Media Research Methods**

This course provides essential training on how scholars think by asking students to participate in the process of knowledge creation. Readings focus on interpretive and critical methods, from interviews and participant observations to historical and textual analyses that draw on Marxist, post-structural, psychoanalytic, feminist, queer, postmodern and post-colonial thought. 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.

Prerequisite(s): ENG1021 or ENG1027, MCST1010 or COMM1010, senior status.  
Offered at Denver, Providence  
4.5 Quarter Credit Hours

### **MCST4200 Senior Seminar in Media Life**

This seminar discusses the idea that life is entirely mediated, from the language that humans use to the air that animals breathe. Topics discussed include media scholar Mark Deuze's theory that we no longer live with media, but in media, defined as environments for thinking, feeling, speaking and acting. The seminar draws on most of the coursework from the Media & Communication Studies major and synthesizes it in the form of one research project on an original topic that crosses disciplinary demarcations. Projects may address insect media and beehives, bio-media and pacemakers, green media and e-waste, structural media and shopping malls, and hypermedia and emotion, among other topics.

Prerequisite(s): ENG1021 or ENG1027, MCST1010 or COMM1010, senior status.  
Offered at Denver, Providence  
4.5 Quarter Credit Hours

### **MCST4300 Special Topics in Media Studies**

This course focuses on a different area, issue or theme each year, depending on student interest. Possible topics under consideration include dead media, documentary media, Latin media, media philosophy, mediated bodies, mediated cities, mediated memories and mediated war.

Prerequisite(s): ENG1021 or ENG1027.  
Offered at Denver, Providence  
4.5 Quarter Credit Hours

## **Philosophy (PHIL) Courses**

### **PHIL3015 History of Philosophy**

This 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 Providence, Providence CE  
4.5 Quarter Credit Hours

### **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. (SL)  
Offered at Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

### **PHIL3040 Ethics of Business Leadership**

This course examines the basic principles of ethics and their philosophical foundations, particularly as they apply to institutions, environments, leadership and other activities and pursuits of business. It examines those aspects of human behavior that can be labeled right and wrong. Consideration is given to the moral obligations of leaders and followers when discussing actual cases from a variety of business organizations that have presented management and subordinates with difficult moral dilemmas. Emphasis is also on the particular responsibilities of leadership in fostering and implementing ethical awareness within a corporate culture.

Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### **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 status.  
Offered at Charlotte, Denver, North Miami, Providence  
4.5 Quarter Credit Hours

## **Physician Assistant Studies (PAS) Courses**

### **PAS5100 Applied Anatomy**

This lecture and lab based course will cover the anatomy most relevant to clinical practice as a physician assistant through the use of prosection and dissection of human cadavers. The course will proceed 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 is designed to complement, enhance and assist the students in integrating this information into the physical examination skills taught in the Patient Care I course. Applied Anatomy will also serve to provide a foundation for the practical application of anatomical knowledge needed for the study and understanding of diseases which will be taught in the Clinical Medicine I-IV courses and ultimately clinical practice.

Offered at Providence  
3 Semester Credits

### **PAS5200 Foundations of Medicine**

This lecture based course will provide the foundation of the basic scientific concepts and principles needed for the study and treatment of diseases. It will consist of 4 modules: Microbiology and Immunology, Genetics, Cell Physiology and Introduction to Pharmacology.

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 will 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 will also be presented. The laboratory sessions will focus on developing, practicing and meeting a defined level of proficiency of the skills needed to competently perform both the medical interview and a complete head to toe physical examination. Instructional techniques will 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

**PAS5344 Professional and Health Policy Issues I**

Professional and Health Policy Issues (I-III) is a course which will span all three (3) first year semesters. It is a lecture and small group dynamic based course which will focus on practical principles related to medical ethics and professionalism, health care delivery and policy issues and public health as they relate to the role and responsibilities of a Physician Assistant.

Offered at Providence  
2.5 Semester Credits

**PAS5425 Patient Care II**

This lecture and small group work based course is designed to provide the student with opportunities to utilize 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 and problem-based learning through case studies. The focus of this interactive course experience is the medical history, physical examination, clinical reasoning, laboratory evaluation, diagnosis, treatment and patient education of common problems encountered in primary care practice. Evidence-based medicine, statistics, research methods, and analysis of the medical literature are also presented as tools to assist in medical decision-making. Discussion and role-playing are the main educational modalities used. The cases presented will follow those disease states covered in Clinical Medicine I & II and the laboratory tests and imaging methods presented in the Diagnostic Skills course and the medication treatment options presented in Pharmacotherapeutics. In addition concepts of ethical and professional expectations and conduct and legal issues will be included.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344.

Offered at Providence  
3 Semester Credits

**PAS5454 Professional and Health Policy Issues II**

Professional and Health Policy Issues (I-III) is a course which will span all three (3) first year semesters. It is a lecture and small group dynamic based course which will focus on practical principles related to medical ethics and professionalism, health care delivery and policy issues and public health as they relate to the role and responsibilities of a Physician Assistant.

Prerequisite(s): PAS5344.

Offered at Providence  
2 Semester Credits

**PAS5464 Professional and Health Policy Issues III**

Professional and Health Policy Issues (I-III) is a course which will span all three (3) first year semesters. It is a lecture and small group dynamic based course which will focus on practical principles related to medical ethics and professionalism, health care delivery and policy issues and public health as they relate to the role and responsibilities of a Physician Assistant.

Prerequisite(s): PAS5344, PAS5454.

Offered at Providence  
2.5 Semester Credits

**PAS5523 Clinical Medicine I**

Clinical Medicine (I-IV) course is a cornerstone course in the curriculum which will span all three (3) first year semesters. This lecture based course series will provide physician assistant students with instruction in epidemiology, physiology and pathophysiology, and the clinical presentation of diseases commonly encountered in primary care medicine and the disciplines of surgery and emergency medicine. It will also include the diagnostic studies and findings needed to make a diagnosis as well as the management of patients from initial presentation through ongoing follow-up in a patient centered model including patient education and referral. In addition, this course series will incorporate health promotion and disease prevention through lecture and student discussion of healthy lifestyles and preventive medicine practices.

Prerequisite(s): PAS5100, PAS5200, PAS5325.

Offered at Providence  
4 Semester Credits

**PAS5533 Clinical Medicine II**

Clinical Medicine (I-IV) course is a cornerstone course in the curriculum which will span all three (3) first year semesters. This lecture based course series will provide physician assistant students with instruction in epidemiology, physiology and pathophysiology, and the clinical presentation of diseases commonly encountered in primary care medicine and the disciplines of surgery and emergency medicine. It will also include the diagnostic studies and findings needed to make a diagnosis as well as the management of patients from initial presentation through ongoing follow-up in a patient centered model including patient education and referral. In addition, this course series will incorporate health promotion and disease prevention through lecture and student discussion of healthy lifestyles and preventive medicine practices.

Prerequisite(s): PAS5100, PAS5200, PAS5325.

Offered at Providence

4 Semester Credits

**PAS5560 Pharmacotherapeutics I**

Pharmacotherapeutics is the study of the therapeutic uses and effects of drugs. This lecture based course will introduce the students to the general principles and the concepts of pharmacotherapeutics and drug product selection, including issues of efficacy, potential toxicities, compliance, monitoring parameters, drug interactions, and cost. Pharmacotherapeutics I will run concurrently with the Clinical Medicine (I-IV) courses and will focus on the therapeutics associated with disease states presented in those respective courses. A rational and evidence based approach to the selection of medications to be prescribed, and studies of medications used in the treatment of acute and chronic illnesses across the lifespan will be presented.

Prerequisite(s): PAS5200, PAS5325.

Offered at Providence

3 Semester Credits

**PAS5570 Pharmacotherapeutics II**

Pharmacotherapeutics is the study of the therapeutic uses and effects of drugs. This lecture based course will introduce the students to the general principles and the concepts of pharmacotherapeutics and drug product selection, including issues of efficacy, potential toxicities, compliance, monitoring parameters, drug interactions, and cost. Pharmacotherapeutics I will run concurrently with the Clinical Medicine (I-IV) courses and will focus on the therapeutics associated with disease states presented in those respective courses. A rational and evidence based approach to the selection of medications to be prescribed, and studies of medications used in the treatment of acute and chronic illnesses across the lifespan will be presented.

Prerequisite(s): PAS5200, PAS5325, PAS5425, PAS5523, PAS5533, PAS5560.

Offered at Providence

4 Semester Credits

**PAS5620 Diagnostic Skills I**

This lecture and laboratory/small group based course is designed to provide students with functional knowledge in clinical laboratory medicine, radiological imaging and other diagnostic modalities used for diagnosing, treating, and managing patients. The indications, limitations, benefits, potential risks and cost effectiveness of common and frequently used diagnostic modalities will be presented. Normal and abnormal findings will also be covered along with their correlation to the diseases. In addition, students will be afforded the time to review and practice history taking and physical examination skills. The content in this course will be synchronized with the organ system and disease topics in the Clinical Medicine courses. Evidence based problem solving activities will provide students with the opportunity and practice needed to develop the skills in selection and interpretation of the diagnostic methods and findings and apply those to the treatment and management decision making process.

Prerequisite(s): PAS5100, PAS5200, PAS5325.

Offered at Providence

4.5 Semester Credits

**PAS5630 Diagnostic Skills II**

This lecture and laboratory/small group based course is designed to provide students with functional knowledge in clinical laboratory medicine, radiological imaging and other diagnostic modalities used for diagnosing, treating, and managing patients. The indications, limitations, benefits, potential risks and cost effectiveness of common and frequently used diagnostic modalities will be presented. Normal and abnormal findings will also be covered along with their correlation to the diseases. In addition, students will be afforded the time to review and practice history taking and physical examination skills. The content in this course will be synchronized with the organ system and disease topics in the Clinical Medicine courses. Evidence based problem solving activities will provide students with the opportunity and practice needed to develop the skills in selection and interpretation of the diagnostic methods and findings and apply those to the treatment and management decision making process.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5425, PAS5523, PAS5533, PAS5620.

Offered at Providence

6 Semester Credits

**PAS5643 Clinical Medicine III**

Clinical Medicine (I-IV) course is a cornerstone course in the curriculum which will span all three (3) first year semesters. This lecture based course series will provide physician assistant students with instruction in epidemiology, physiology and pathophysiology, and the clinical presentation of diseases commonly encountered in primary care medicine and the disciplines of surgery and emergency medicine. It will also include the diagnostic studies and findings needed to make a diagnosis as well as the management of patients from initial presentation through ongoing follow-up in a patient centered model including patient education and referral. In addition, this course series will incorporate health promotion and disease prevention through lecture and student discussion of healthy lifestyles and preventive medicine practices.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5425, PAS5523, PAS5533, PAS5560, PAS5620.

Offered at Providence

5 Semester Credits

**PAS5653 Clinical Medicine IV**

Clinical Medicine (I-IV) course is a cornerstone course in the curriculum which will span all three (3) first year semesters. This lecture based course series will provide physician assistant students with instruction in epidemiology, physiology and pathophysiology, and the clinical presentation of diseases commonly encountered in primary care medicine and the disciplines of surgery and emergency medicine. It will also include the diagnostic studies and findings needed to make a diagnosis as well as the management of patients from initial presentation through ongoing follow-up in a patient centered model including patient education and referral. In addition, this course series will incorporate health promotion and disease prevention through lecture and student discussion of healthy lifestyles and preventive medicine practices.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5425, PAS5523, PAS5533, PAS5560, PAS5620.

Offered at Providence

5 Semester Credits

**PAS5725 Patient Care III**

This lecture and small group work based course is designed to provide the student with opportunities to utilize 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 and problem-based learning through case studies. The focus of this interactive course experience is the medical history, physical examination, clinical reasoning, laboratory evaluation, diagnosis, treatment and patient education of common problems encountered in primary care practice. Evidence-based medicine, statistics, research methods, and analysis of the medical literature are also presented as tools to assist in medical decision-making. Discussion and role-playing are the main educational modalities used. The cases presented will follow those disease states covered in Clinical Medicine I & II and the laboratory tests and imaging methods presented in the Diagnostic Skills course and the medication treatment options presented in Pharmacotherapeutics. In addition concepts of ethical and professional expectations and conduct and legal issues will be included.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5523, PAS5533, PAS5560, PAS5620.

Offered at Providence

4 Semester Credits

**PAS6100 Introduction to Clinical Practice Course**

This lecture and laboratory based course is designed as a transitional course to provide the students with the needed skills to effectively navigate their learning and the clinical setting. The laboratory portion of this course will teach commonly utilized clinical procedures and skills which students will be performing while on rotations.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725.

Offered at Providence

2 Semester Credits

**PAS6200 Primary Care Medicine Clinical Course**

The Primary Care Medicine Clinical course is a required five week clinical experience in outpatient medicine. The student will actively engage in applying medical knowledge gained during the didactic year, demonstrating and continuing development of clinical reasoning and communication skills to the evaluation and management of problems encountered in the ambulatory primary care medicine settings to include pediatric, adult and geriatric patients. Students will also work to incorporate a collaborative patient centered humanistic approach as well as health promotion, disease prevention, patient education and counseling in their patient encounters. The student will gain knowledge and experience in the efficient and effective evaluation, treatment and management including referral of common diseases and conditions encountered in an outpatient setting emphasizing adult and geriatric patients.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits

**PAS6250 Internal Medicine Clinical Course**

This is a five-week required clinical rotation for second year PA students which focuses on the role of the physician assistant in a hospital based inpatient setting. The student will 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 inpatient settings. Students will also work to incorporate a collaborative patient centered humanistic approach to the care of hospitalized patients. In this setting, students will rotate on inpatient medicine hospital wards and will gain knowledge about the hospitalized adult patient. In addition focus should be on the further acquisition of medical knowledge and clinical skills needed to effectively recognize, manage and treat complex patients with health conditions requiring hospitalized care.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits



**PAS6300 Pediatric Medicine Clinical Course**

This is a five-week required clinical rotation for second year PA students which focus on the role of the physician assistant in a pediatric care setting. The student will 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 the pediatric medicine. Students will also work to incorporate a collaborative patient centered humanistic approach as well as health promotion, disease prevention, patient education and counseling in their patient encounters. The student will 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.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits

**PAS6350 Women's Health Clinical Course**

This is a five-week required clinical rotation for second year PA students which focus on the role of the physician assistant in women's health. The student will 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 the women's health. Students will also work to incorporate a collaborative patient centered humanistic approach as well as health promotion, disease prevention, patient education and counseling in their patient encounters. The student will gain knowledge, experience and clinical skills needed to effectively recognize, manage and treat (including referral) common acute, urgent, emergent and chronic diseases and conditions encountered in gynecology, obstetrics and pre-natal care. In addition focus should also be on routine women's and prenatal health care maintenance and the changing health needs of women throughout their lifespan.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits

**PAS6400 Emergency Medicine Clinical Course**

This is a five-week required clinical rotation for second year PA students which focus on the role of the physician assistant in the emergency department setting. The student will 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, urgent and emergent problems commonly encountered in emergency medicine. The student will 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 geriatrics patient presentations and work as a member of the emergency department team.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits

**PAS6450 Behavioral and Mental Health Clinical Course**

This is a five-week required clinical rotation for second year PA students which focus on the role of the physician assistant in the psychiatry/mental health setting. The student will 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 will also work to adapt the standard medical history, physical examination, diagnostic and treatment plans to the psychiatric patient. The student will 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 and mental health.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits

**PAS6500 Surgery Clinical Course**

This is a five-week required clinical rotation for second year PA students which focuses on the care of the surgical patient and the role of the physician assistant on the surgical patient management team to include the pre-operative, intra-operative and post operative care and management. The student will 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 will work toward expanding their knowledge of surgical care and 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.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits

**PAS6600 Clinical Elective Course I**

Each student is granted the opportunity to complete two five week elective rotations designed to facilitate the student's 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. The student will actively engage in applying basic medical knowledge, demonstrating and continuing development of their clinical reasoning and communication skills to the evaluation of problems encountered within the discipline or medical specialty chosen. The experience will enhance the student's 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. The student will gain knowledge and experience in the evaluation, treatment and management including referral of common diseases and conditions encountered in the chosen discipline or medical specialty.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits



### **PAS6700 Clinical Elective Course II**

Each student is granted the opportunity to complete two five week elective rotations designed to facilitate the student's 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. The student will actively engage in applying basic medical knowledge, demonstrating and continuing development of their clinical reasoning and communication skills to the evaluation of problems encountered within the discipline or medical specialty chosen. The experience will enhance the student's 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. The student will gain knowledge and experience in the evaluation, treatment and management including referral of common diseases and conditions encountered in the chosen discipline or medical specialty.

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

4.5 Semester Credits

### **PAS6800 Master's Course**

This course is the culmination work representative of the student's medical and clinical knowledge and skills and contains an evidence-based researched case presentation of an actual patient encounter. In addition, this course houses the written summative examination and an Objective Structured Clinical Examination (OSCE).

Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5464, PAS5523, PAS5533, PAS5560, PAS5570, PAS5620, PAS5630, PAS5643, PAS5653, PAS5725, PAS6100.

Offered at Providence

1 Semester Credit

## **Physics (PHY) Courses**

### **PHY1011 General Physics I**

PHY1011 is the first of a two part introductory Physics course sequence using algebra-based approaches to analyze physics phenomena. It introduces students to vector algebra and the basic principles of classical mechanics, applying the concepts of work, energy, linear momentum, and angular momentum to physical phenomena. PHY1011 must be taken concurrently with the laboratory section (see PHY1015, General Physics I Laboratory).

Prerequisite(s): MATH1020 (or concurrent), Corequisite: PHY1015.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **PHY1015 General Physics I Laboratory**

PHY1015 is an introductory algebra-based Physics Laboratory that meets three hours a week. It is an inquiry-based 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 concurrent), Corequisite: PHY1011.

Offered at Providence, Providence CE

1.5 Quarter Credit Hours

### **PHY1022 General Physics II**

PHY1022 is the second of a two part introductory Physics course sequence using algebra-based mathematical approaches to analyze physics phenomena. It introduces students to heat, wave propagation, wave energy, reflection, refraction, electricity, magnetism, circuits, and semiconductors. PHY1022 must be taken concurrently with the laboratory section (see PHY1025, General Physics II Laboratory).

Prerequisite(s): MATH1020, (PHY1011, PHY1015 or SCI1011, SCI1041),

Corequisite: PHY1025.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **PHY1025 General Physics II Laboratory**

PHY1025 is an introductory algebra-based Physics Laboratory that meets three hours a week. It is an inquiry-based laboratory course 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, PHY1015 or SCI1011, SCI1041),

Corequisite: PHY1022.

Offered at Providence, Providence CE

1.5 Quarter Credit Hours

### **PHY2011 Physics I**

PHY2011 is the first of a two part introductory Physics course sequence using calculus-based approaches to analyze physics 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. PHY2011 must be taken concurrently with the laboratory section (see PHY2015, Physics I Laboratory).

Prerequisite(s): MATH1040 (or concurrent), Corequisite: PHY2015.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **PHY2015 Physics I Laboratory**

PHY2015 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, Providence CE

1.5 Quarter Credit Hours

### **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. PHY2022 must be taken concurrently with the laboratory section (see PHY2025, Physics II Laboratory).

Prerequisite(s): MATH1040, ((PHY1011, PHY1015) or (PHY2011, PHY2015) or (SCI1011, SCI1041) or (SCI2011, SCI2041)), Corequisite: PHY2025.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **PHY2025 Physics II Laboratory**

PHY2025 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, PHY1015) or (PHY2011, PHY2015) or (SCI1011, SCI1041) or (SCI2011, SCI2041)), Corequisite: PHY2022.

Offered at Providence, Providence CE

1.5 Quarter Credit Hours

## Political Science (PSCI) Courses

### **PSCI1001 Introduction to Political Science**

Political Science is the rigorous and disciplined study of government and politics. This is a gateway course designed to reveal to students the ubiquity of political phenomena in their lives. The working of politics, viewed alternatively as the allocation of values, or as the study of who gets what, when, where, why and how, is studied in a variety of incarnations, in small and large groups, and private and public dress. The rational choice perspective is used to formulate and analyze theoretical issues in political analysis. Offered at Charlotte, Denver, North Miami, Providence, Providence CE 4.5 Quarter Credit Hours

### **PSCI2001 Introduction to World Politics**

This course provides a comprehensive introduction to the study of world politics. Analytical tools and philosophical doctrine are first discussed to lay a foundation for understanding the driving forces in international relations. The chronic nature of war and ceaseless search for peace will be discussed next with special emphasis on twentieth century history. Next examined are the theory and practice of economic relations among advanced industrial economies, and the pace of development of the third world or the "South". Special problems posed by multiethnic and multinational diversity within nations will be an important theme of the course. Other possible topics will include different historical and possible future systems of international relations; imperialism; cold war politics; national security theory including deterrence and the success of international political and monetary organizations.

Prerequisite(s): Sophomore status.

Offered at Denver, North Miami, Providence, Providence CE 4.5 Quarter Credit Hours

### **PSCI3005 Contemporary Political Ideologies**

A small but powerfully influential set of political ideologies have dominated, and continue to dominate, social and political events throughout the world in the last and this century. Robust ideologies (democracy, nationalism, Islam, and their variants) have impelled their followers to produce the deaths of millions, and continue to control the destinies of hundreds of millions. This course tries to make sense of a century of ideological struggle, with the hope of understanding the continuing relevance of political ideology in fashioning the fate of peoples and nations.

Prerequisite(s): ENG1021 or ENG1027. (OL)

Offered at Online, Providence, Providence CE 4.5 Quarter Credit Hours

## Project Management (PRMG) Courses

### **PRMG2010 Introduction to Project Management**

This course gives students an understanding of project management practices, concepts, and tools using projects in the real world. Students focus on successfully organizing a single project using the knowledge areas associated with the project life cycle. Learning to identify potential projects based on strategic business planning, they produce portions of a basic project plan, scope statement, work breakdown structure, and Gantt charts. Other course topics to be discussed in a broader context include: forming and leading a project team, project manager competencies, project organization, time and resource management, cost management, quality management, human resource management, communications management, and risk management. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 4.5 Quarter Credit Hours

### **PRMG3010 Advanced Project Management**

This course trains students to initiate, plan, execute, monitor, control, and close a project in the real world. Using a real world project plan, students become competent in the following areas of project management: project integration, project scope, project time, project cost, project quality, project human resources, project communications, project risk management. They practice these skills individually and in teams applying them to a real world project. They also gain understanding of the application of project management processes. Prerequisite(s): PRMG2010. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 4.5 Quarter Credit Hours

### **PRMG4010 Project Management Application and Experiential**

This course is the third of a concentration series that allows students to apply their knowledge of project management to real-world projects. Project teams are assigned projects at the beginning of the term and, based on their timeline, deliver the complete project at the end of the term or develop strategies for phase-gating the project to another team. Projects are acquired through an intake process monitored by the director and assigned to each team based upon prior experience and ability.

Prerequisite(s): PRMG3010.

Offered at Providence

4.5 Quarter Credit Hours

## 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. (SL) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 4.5 Quarter Credit Hours

### **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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 4.5 Quarter Credit Hours

### **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, Denver, Providence, Providence CE 4.5 Quarter Credit Hours

### **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 Denver, Providence, Providence CE 4.5 Quarter Credit Hours

### **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. (OL)

Offered at Denver, Online, Providence, Providence CE 4.5 Quarter Credit Hours

**PSYC2040 Psychological Issues of Addiction and Compulsive Behavior**

This course examines the various types of addictions 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 substance abuse addiction, sexual addictions, eating disorders and other compulsive behaviors. Relevant topics such as the addictive process and personality are addressed along with the familial effects and psychosocial impact of addiction on business and industry. Various treatment approaches and methods of recovery are discussed. Methods of awareness, identification and distinction between various compulsive disorders and addiction along with the biopsychosocial model of addiction are delineated.

Prerequisite(s): PSYC1001.

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC2150 Interpersonal Processes in the Workplace**

This course will expose students to the personality theories and how they are manifested in behaviors in the workplace, including organizational morale, culture, and productivity. Using theoretical and empirical research, it will also provide students with managerial approaches for approaching the dynamics of personalities and behaviors in the workplace.

Prerequisite(s): PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC2200 Professional & Ethical Issues in Applied Psychology**

This course introduces students to the diverse career and professional development opportunities in the field of Applied Psychology. Grounded in the American Psychological Association's Ethical Principles of Psychologists and Code of Conduct, students will be introduced to professional standards, communication styles in the discipline, values of the profession, and strategies to achieving career goals. A case study approach is used to highlight various applications of psychology to a range of scientific research, educational attainment, and career options.

Prerequisite(s): PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC3010 Personality**

Students engage in the 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 Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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, SCI2031.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC3099 Psychology Internship**

Students may choose an internship in a variety of fields, such as public service or communications, and in many settings, including nonprofit and government agencies, arts organizations, or others related to their interests. Internship assignments provide opportunities for students to gain real world experience by applying their skills and knowledge to meet the needs of a business, agency or community organization.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, and 2) have completed 90 hours of course work.

Offered at Denver, Providence, Providence CE

4.5-13.5 Quarter Credit Hours

**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, engagement in collaborative problem solving, and the promotion of community development.

Prerequisite(s): PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC3150 Behavior Modification**

This course will introduce students to techniques for altering an individual's reactions to stimuli and the extinction of maladaptive behavior. Techniques discussed will include positive and negative reinforcements as well as continuous and intermittent based programs for modification of behaviors. The course will also focus on how maladaptive behaviors affect organizational factors including productivity, culture, and climate.

Prerequisite(s): PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC3200 Thinking and Learning**

This course examines the primary cognitive processes used in everyday life. The mechanisms of perception, attention, and memory are studied, with a focus on how these basic processes impact information processing (i.e., thinking), problem solving, decision-making, judgment, and learning. Students will gain a deeper understanding and appreciation for the complexities of human thought.

Prerequisite(s): PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC3250 Ergonomics & Human Factors**

This course examines how human characteristics and the environment interact in problem solving and achievement of organizational goals and objectives. Using psychological principles in design, students will explore how individual knowledge and skills may be used to assess and categorize human and technological capital and the impact this may have on organizational identity, culture, and productivity. A focus on optimizing organizational performance, including the interaction between motivation, abilities and the work environment, is emphasized.

Prerequisite(s): PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC3350 Psychology of Motivation, Leadership, & Teamwork**

This course examines how to organize and develop teams to achieve organizational goals. It will also provide understanding of the theories for motivation at work and how they affect achievement of organizational goals and objectives. The use and effects of reward and punishment for motivation will be explored as well as how to balance achievement of organizational goals and objectives with individual needs. A focus on understanding theories of leadership, including the impact of situational factors such as group composition and the work environment and the interaction between leadership and motivation from both the individual needs and organizational goals perspectives is emphasized.

Prerequisite(s): PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC4100 Brain, Environment, & Behavior**

This course explores the complex interrelationships between the biological basis of behavior and the environment in which we live. Specific topics covered include structure and function of the brain at the molecular, cellular, and functional levels; environmental influences on biology and corresponding effects on cognition and behavior; the impact of drugs on biology, cognition, and behavior; various neurological and physiological disorders and corresponding cognitive and behavioral consequences; and evolutionary perspectives on human-environment interactions and the malleability of the human condition.

Prerequisite(s): PSYC3200.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC4150 Psychology of Conflict Resolution**

This course explores the definition, causes, and methods used for resolution of conflicts. It will discuss causes for conflicts such as communication, beliefs and values, and lack of trust. It will also discuss the approaches towards resolution of conflicts such as the adversarial as well as the non-adversarial approach. Advantages and limitations will be identified for each method.

Prerequisite(s): PSYC1001.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC4200 Cross Cultural Psychology**

Utilizing and integrating previously learned material in the discipline, this course critically examines specific issues if race, ethnicity, age, gender, sexual orientation, religion, geo-political influences and other cultural factors that impact individuals' thoughts and behaviors and interactions with others in the societies in which they are embedded. A focus on the application of multi- and cross-cultural perspectives in the design and implementation of education outreach, prevention strategies, and behavioral interventions is emphasized.

Prerequisite(s): PSYC3100.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC4250 Contemporary & Critical Issues in Organizational Psychology**

The culminating capstone experience in the major, this course uses a compare and contrast approach between current critical issues in the field and historical perspectives to help master, integrate, and apply psychological principles, concepts, and theories. Through critical analyses, students will debate ethical issues, recognize and explain the influence of diversity and culture in the interpretation of empirical findings, and hone professional written and oral communication skills. The importance of ongoing development and education to promote professional identity as an Organizational Psychologist will be emphasized.

Prerequisite(s): PSYC2020, senior status.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC4300 Contemporary & Critical Issues In Applied Psychology**

The culminating capstone experience in the major, this course uses a compare and contrast approach between current critical issues in the field and historical perspectives to help master, integrate, and apply psychological principles, concepts, and theories. Through critical analyses, students will debate ethical issues, recognize and explain the influence of diversity and culture in the interpretation of empirical findings, and hone professional written and oral communication skills. The importance of ongoing development and education to promote professional identity as an Applied Psychologist will be emphasized.

Prerequisite(s): PSYC1001, senior status.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**PSYC5100 Advanced Developmental Psychology**

This course surveys classic and current work in developmental psychology including the foundational work of Piaget, Kohlberg, Bowlby and Vigotsky, as well as contemporary theorists. To understand the developmental process, students take a life-span approach to researching the topic. Students become familiar with general developmental paradigms and study examples of how findings related to the resulting theories play a role in education. Topics include development across a broad range of domains, including cognitive, linguistic, moral, social and emotional development. Students analyze the basic assumptions held by behaviorists, constructivists, developmental systems theorists and nativists, and consider how these paradigms influence knowledge about human functioning. Students consider the educational ramifications of current knowledge about development. State-of-the-art approaches and influential research findings are incorporated.

Offered at Providence

4.5 Quarter Credit Hours

**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. An emphasis will be placed upon modification of baseline neurotransmitter systems by current treatment protocols and medications under development.

Offered at Providence

4.5 Quarter Credit Hours

## Religion (REL) Courses

**REL3001 Comparative Study of World Religions: An Interdisciplinary Approach**

This course introduces the students to the world's great religions; Hinduism, Buddhism, Judaism, Christianity and Islam are emphasized. The focus is interdisciplinary and includes history, cultural traditions and textual analysis of each religion's literature in relation to these religions.

Prerequisite(s): ENG1021 or ENG1027.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

## Research (RSCH) Courses

**RSCH2050 Research Methods in Applied Settings**

This course provides students with the required knowledge to conduct basic research in the social sciences, including evaluation of primary and secondary research and learning to use and interpret statistics in specific applied situations. Using quantitative and qualitative research methods, students learn how to plan, conduct and write a research project, and select and interpret data. Students learn APA documentation, engage in exercises in primary sourcing techniques and receive an overview of the publication process.

Prerequisite(s): MATH2001, PSYC1001 or SOC1001 or SOC2005.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**RSCH3020 Honors Research Seminar**

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 advisor during the development of an Honors Thesis Prospectus. Students complete the Honors Thesis in RSCH 4020, the Honors Directed Academic Experience.

Prerequisite(s): ENG1024 or English placement, honors status. (HY)

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours



**RSCH3100 Experimental Design in the Social and Behavioral Sciences**

This course is focused on the various quantitative research methodologies that can be utilized to conduct and interpret scientific research in the social and behavioral sciences. In addition to advanced research design and corresponding statistical techniques (e.g., ANOVA, MANOVA, Structural Equation Modeling, Meta-Analysis), students will explore complex ethical, socio-cultural, and geo-political issues that impact the design, interpretation, and use of scientific results.

Prerequisite(s): MATH2001, RSCH2050.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**RSCH3200 Qualitative Inquiry**

This course is focused on the various qualitative research methodologies that can be utilized to conduct and interpret scientific research in the social and behavioral sciences. In addition to advanced research design and corresponding statistical techniques (e.g., ethnography, case study, narratives; instrument design, textual data coding and analysis), students will explore complex ethical, socio-cultural, and geo-political issues that impact the design, interpretation, and use of scientific results.

Prerequisite(s): MATH2001, RSCH2050.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**RSCH3300 Community Action Research**

Through identifying real world research questions and corresponding community agents, students will design and propose a community action research project. This course focuses on hypothesis generation, comprehensive literature review and the utilization of both quantitative and qualitative research methodologies to prepare students to execute the proposal in RSCH4400: Integrative Applied Research Seminar. Communication skills in the discipline are emphasized including oral and written presentations to faculty, class, and community.

Prerequisite(s): RSCH3100, RSCH3200.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**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 will be 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 will submit portions of the project to the Faculty Mentor at regular intervals, it is expected that students will 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, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**RSCH4050 Research Seminar in Counseling Psychology**

This capstone course is designed to complete the major program of study by integrating the student's prior academic experiences in Counseling Psychology. A seminar format is used to encourage student participation and interaction with peers and with faculty. Each participant chooses a topic within their area of specialization. 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, senior status.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**RSCH4400 Integrative Applied Research Seminar**

A capstone experience in the Applied Research minor, this course will have students conduct the research study proposed in RSCH 3300, including data collection, analysis and interpretation of findings. Students will be required to share applied implications of findings with the community agents impacted, as well as preparing a formal professional conference and/or journal submission. Advanced case studies will be used throughout the course to integrate previously learned applied research and statistical analyses content to promote scientific reasoning and critical thought.

Prerequisite(s): RSCH3300.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**RSCH5150 Research Methods in Applied Counseling Settings**

This course is designed to familiarize students with research that extends the professional knowledge base. Emphasis is placed on development of specific research skills regarding the research question, the literature review, the research design, the methodology, and the reference section. This experience will prepare the student as a professional to understand, evaluate, and design research projects.

Offered at Providence

4.5 Quarter Credit Hours

**RSCH6100 Research and Theories in Addictions Counseling**

This course examines the various approaches, theories and philosophies for counseling addictive disorders and other compulsive behaviors. Emphasis is placed on a biopsychosocial model of treatment and counseling. Recognition of signs and symptoms, client resistance, stages of change and motivational theories is explored. Both traditional and alternative theories of addiction treatment are examined. Understanding and knowledge of the Twelve Core Functions of the addiction counselor will also be a theme throughout this course.

Prerequisite(s): RSCH5150.

Offered at Providence

4.5 Quarter Credit Hours

**RSCH6150 Research and Theories in Mental Health Counseling**

This course examines the established and emerging theories and models of mental health counseling, including historical contexts and key names, terms and concepts. The course also focuses upon how theory translates into effective counseling practice and considers available outcome research. Students are expected to be able to articulate a tentative personal theoretical orientation at the end of the course.

Prerequisite(s): RSCH5150.

Offered at Providence

4.5 Quarter Credit Hours

## Retail (RTL) Courses

**RTL1005 Retailing**

This course is designed to introduce the student to the field of retailing. Emphasis is placed on basic principles of the retail environment, retail operations and retail administration. Career paths and leadership styles are incorporated into this course. Current conditions and newer concepts and practices in the field are highlighted, with special attention focused on industry terminology.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**RTL1010 Textiles**

This course is an overview of the production and utilization of fibers, yarns and fabrics. Emphasis is placed on the performance of textiles for specific end uses.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**RTL1020 The Business of Fashion**

This introductory course is designed to increase students' powers of observation, research and analysis of fashion. Students learn the vocabulary of the field, the structure of the industry, domestic and foreign designers, and historical as well as contemporary influences on fashion. The motivations of dress, theories of fashion adoption and the fashion lifecycle are explored as sources of information to establish fashion statements and forecast fashion trends.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**RTL1050 Visual Merchandising**

This course is an overview of the field of visual merchandising. Emphasis is placed on the importance of store image, color and composition, types of displays, and fixtures. Other topics include the use of mannequins, mannequin alternatives, signage and graphics, and floor plans.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours



**RTL2005 Global Sourcing**

Students 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): RTL1005 or MRKT1001, sophomore status.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**RTL2010 Apparel Quality Analysis**

This course provides students with a method for evaluating the quality of ready-to-wear apparel. Using an industry approach, the course integrates the study of traditional clothing construction with that of apparel production. 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): RTL1010.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**RTL2050 Fashion Promotion**

The theory of fashion promotion is explored as it relates to the selling of fashion merchandise to the public. This course explores the nature of the fashion promotion industry and its use of various media to make consumers aware of current trends and styles. The text addresses itself to the career-minded student who wants to be involved in the marketing, merchandising and promotion of fashion.

Offered at Denver, Providence, Providence CE

4.5 Quarter Credit Hours

**RTL2063 Retail Industry Seminar**

This course is offered in three components. One component is devoted to the mathematics of merchandising with its ramifications and effects on profitability and terms of sale. The second component is presented in seminar and case study format where students explore the importance of decision making and its effects at all levels of the retail industry. The third component is the industry field trips. Students are encouraged to examine personal and professional goals as they visit with local industry guests/hosts. Students are encouraged to network with industry speakers and begin planned career opportunities for the future.

Prerequisite(s): RTL1005, RTL1020.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**RTL2095 Fashion and Retail Lab**

This course gives students laboratory experience in merchandising functions. Students participate in a simulated work environment under the supervision of faculty with expertise in the industry. Market analysis and trend research are included with "back-of-the-house" simulations in buying, vendor communications, catalog operations and merchandise promotion modules.

Prerequisite(s): RTL1005, RTL1010, sophomore status.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**RTL3010 Merchandise Buying**

This course provides the student with the principles that govern the movement of merchandise. Students are expected to know the environmental factors that influence the behavior of consumers and the techniques for determining and predicting merchandise cycles. This course outlines the merchandising activities and marketing trends of those industries involved with producing and providing goods in the marketplace. The options of the buyer in making merchandise budgets, plans and decisions are presented. This background provides the basis for examining 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): RTL1005.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**RTL3020 Merchandise Mathematics**

This course is designed to examine the philosophies, theories and techniques underlying the allocation of merchandise investments, control of sales and control of inventory (including planning and pricing) in retail stores. The course approaches retail management from the standpoint of the retail businessperson and is intended to serve as a tool for the student of retailing or merchandising.

Prerequisite(s): RTL1005.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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): RTL1010, RTL1020.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**RTL3060 Fashion Forecasting**

This course introduces the student to the field of fashion forecasting.

Emphasis is on the framework of fashion forecasting, fashion and market dynamics of fashion forecasting and utilizing these dynamics in the global retail workplace. Current conditions, concepts, practices and research in the retail field are focused on throughout the course with special attention placed on industry terminology; case studies utilizing market research and competitive analysis are incorporated into this course.

Prerequisite(s): RTL1005, RTL1020. (HY)

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**RTL3070 Textile Design for the Apparel and Home Furnishings Industry**

This hands-on course is an introduction to basic textile design techniques used by designers and manufacturers. Topics include motif development, croquis design, and repeat patterns. Methods of surface printing include direct painting, stenciling and block printing. Basic weaving or knitting patterns, embroidery, beading and applique are also explored. Students develop an appreciation for the historic and cultural value relevant to each method, and create collections of textile samples as they solve design problems.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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): MRKT1001, junior status.

Offered at Charlotte, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **RTL4010 Retail Executive Decision Making**

This is a senior-level capstone course designed to give students insight into retail strategy. Using a variety of teaching methods, this course is intended to develop critical thinking skills and abilities needed to enter executive-level positions in the retail industry. Focus is also given to making merchandising and buying decisions.

Prerequisite(s): RTL3030, senior status.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

### **RTL4099 Retail Internship**

The Retailing Internship provides students the opportunity to gain academic credit for successfully completing internships in retailing operations and any retail-related industries. Eligible students may apply for a retailing internship assignment. Upon completion of this course, student will have an understanding of the demands and expectations for retail industries as well as the roles played by other necessary and related industries that all make for a successful store operation.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5-13.5 Quarter Credit Hours

## **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 health and safety risks.

Prerequisite(s): MGMT1001 or MGHI1000, sophomore status. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **RMGT3001 Emergency Planning and Business Continuity**

This is a survey course of the practical implications of emergency planning with a particular focus on business continuity during a crisis situation. The focus of this course is applied and case-study rich, and provides students with a detailed understanding of the various considerations in emergency and continuity situations frequently encountered during a crisis.

Prerequisite(s): (MGMT1001 or MGHI1000), RMGT2001. (OL)

Offered at Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **RMGT4010 Risk Analysis and Loss Prevention**

This course provides students with a course in risk management and loss prevention. It addresses the risk countermeasures and their pros and cons and provides students with a systematic approach to logical decision-making about the allocation of scarce security resources. Further the course describes the risk management methodology as a specific process, a theory, or a procedure for determining assets, vulnerabilities, and threats and how security professionals can protect them.

Prerequisite(s): RMGT2001.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **RMGT4099 Risk Management Internship**

This internship offers the student hands-on experience in risk management functions in a professional setting. The student has an opportunity to gain real-world experience in selected areas such as staff planning, asset protection, risk analysis, management of personnel and like activities.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Providence, Providence CE

4.5-13.5 Quarter Credit Hours

## **Russian (RUS) Courses**

### **RUS1001 Supervised Independent Russian I**

This structured independent study course combines a required curriculum with weekly conversation sessions. Students must take considerable responsibility for their own learning. The course is an introduction to Russian language with emphasis on mastering Russian alphabet, vocabulary acquisition, reading, basic grammar constructions, and oral communication.

Offered at Providence

2.25 Quarter Credit Hours

### **RUS1002 Supervised Independent Russian II**

This self-instructed course is a continuation of the Supervised Independent Russian I. Students' vocabulary is expanded to words used when dealing with such topics as time, days of week, weather, shopping, daily and weekly routine, etc. The grammar constructions used include declination of nouns; verbs in present, past and future tenses; and adjectives. At weekly conversation sessions the students are also exposed to some aspects of life in present-day Russia.

Prerequisite(s): RUS1001 or equivalent.

Offered at Providence

2.25 Quarter Credit Hours

## **Science (SCI) Courses**

### **SCI1005 Introduction to Botany**

This course provides a comprehensive description of the structure, physiology and reproduction of plants of economic value. Focus is on the relationship between plants and humans, including the role of plants as food sources such as rice, corn and wheat, as well as industries which are plant based. The importance of plants in maintaining environmental balance is also discussed with an emphasis on topics of current interest.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

### **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 will be discussed. (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **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. (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

### **SCI1030 Marine Biology**

This course is an introduction to both the biological and physical aspects of the marine environment, including a survey of the organisms that inhabit the world's oceans, their ecology, species evolution and distribution, and the human impact of commercial marine-related industries. Of particular interest are seafood, shellfish and marine plants as marine food sources, as well as shipping and maritime industries. (HY)

Offered at Denver, Denver CE, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

### **SCI1050 Nutrition**

This course in basic human nutrition examines metabolic energy derived from carbohydrates, proteins and lipids. Pathways for the 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 is also discussed. (OL)

Offered at Charlotte, Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**SCI2020 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, Denver, Providence, Providence CE  
4.5 Quarter Credit Hours

**SCI2030 Introduction to Ecology**

This course combines biology and other sciences to study how living things interact with each other and with their non-living environment. Topics such as competition and predation, the one-way flow of energy, and the cycling of nutrients through ecological communities are examined. Other topics such as biodiversity, major terrestrial and aquatic biomes, succession, and the methods and goals of environmental conservation are discussed.

Offered at North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**SCI2031 Anatomy and Physiology**

This basic 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 Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**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 roles of governments, markets, and nonprofit organizations in the implementation of sustainable development laws and policies.

Prerequisite(s): ENG1021 or ENG1027, SCI1010. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**SCI3050 Science and Civilization: Progress and Problems**

This course explores the social, political and historic contexts and implications of several scientific and technological developments through a variety of genres including textbooks, newspaper and magazine articles, film, music, art, literature and the internet. This is an interdisciplinary course cross-listed as HUM3050 and SCI3050.

Prerequisite(s): ENG1021 or ENG1027, successful completion of any science course, sophomore status. (OL)

Offered at Charlotte, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**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 agricultural 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, SCI1010. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence  
4.5 Quarter Credit Hours

**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, SCI1010. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence  
4.5 Quarter Credit Hours

**SCI4060 Food Microbiology**

Food Microbiology introduces students to a wide variety of topics regarding the biology of food and water associated microorganisms. Important topics include: all varieties of microbial agents of food and water borne disease, characteristics of important species of food spoilage microbes, identification and control of disease agents associated with food and water, beneficial microbial action, microbial genetics and bacterial genomics. The interaction of microbes with the human digestive and immune systems is also studied. Prerequisite(s): SCI1015, SCI2031, Corequisite: SCI4061, senior status or permission of department chair.

Offered at Denver, Providence, Providence CE  
4.5 Quarter Credit Hours

**SCI4061 Food Microbiology Lab**

Food Microbiology Lab is a laboratory companion course coordinated with SCI4060. Using live cultures, students examine the properties of various microbes and factors which contribute to their control and their contamination of foods. Unknown microbes are identified using both traditional and genetic microbiological techniques. Beneficial microorganisms are also studied. Students master microscopy using compound light microscopes.

Prerequisite(s): SCI1015, SCI2031, Corequisite: SCI4060, senior status or permission of department chair.

Offered at Denver, Providence, Providence CE

2.25 Quarter Credit Hours

**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 group's topics, and presents their findings to the entire class. This multi-disciplinary seminar serves as an integrative course employing the strategies that will build a sustainable future.

Prerequisite(s): SCI1010, SCI3020, SCI3070, SCI3080. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence  
4.5 Quarter Credit Hours

## 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. (SL) (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**SOC2002 Sociology II**

This course is a continuation of Sociology I focusing on patterns of behavior or institutions that our culture has established. Emphasis is placed on studying those institutions which are essential to the survival of the individual and the group.

Prerequisite(s): SOC1001 or SOC2005. (SL)

Offered at Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**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 will 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 status.

Offered at Charlotte, Denver, North Miami, Providence  
4.5 Quarter Credit Hours

**SOC2010 Sociology of Digital Environments**

This course provides an introduction to the digital world as both a setting of social interaction and as a social and historical phenomenon. Attention is given to the ways that virtuality has both transformed and been influenced by other institutional domains such as family, media, art and work. This focus on the digital world advances students' sociological understanding of the human experience.

Offered at Charlotte, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**SOC2040 Community Leadership: An Applied Sociology**

This interdisciplinary course [sociology, leadership and service learning] is designed to provide students with the opportunity to combine theoretical learning with actual volunteer work at a nonprofit organization. Through student-initiated placement at one of many pre-designated sites, students are exposed to various aspects of the not-for-profit industry including administrative, fundraising and community outreach responsibilities, as well as having personal contact with the organization's clientele. Additionally, students are expected to utilize their leadership skills by initiating a substantial agency-based project, in conjunction with their on-site supervisor, which serves as a tangible contribution to the overall organization. (SL)

Offered at Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

**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, Providence CE

4.5 Quarter Credit Hours

**SOC2055 Honors Seminar: Peoples and Cultures of Africa**

This course provides honors students with an in-depth exploration of the human experience of living Africa, through an exploration of the peoples of the continent and the contexts in which their lives are lived. Africa is an immensely diverse, complex, historically rich, economically significant and geo-strategically important part of the globalized world. From the great African empires of pre-history to colonization, decolonization and a post-modern, independent Africa, this course explores key geopolitical, historical, social, cultural and political-economic dynamics that continue to challenge the people of the continent, through a region-by-region approach.

Prerequisite(s): ENG1024 or English placement, honors status.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**SOC2070 Social Issues in Contemporary America**

This course is designed to provide the student with a realistic understanding of contemporary social issues. The course focuses on the origins, nature and interrelationships between the various topics. Students are encouraged to consider people and conditions in society that pose problems, and to attempt to develop solutions to those problems.

Prerequisite(s): SOC1001 or SOC2005. (SL) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**SOC3020 Culture and Food**

Culture and Food is a course on the sociology of food. Students are challenged to think and rethink the place of food in the human experience. The course focuses on how the discipline of sociology, and its borrowing from anthropology and other fields, examines food as a cultural and social artifact and how food and social identity intersect. (SL) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**SOC3025 Cultural Tapestry: Perspectives in Diversity**

This course approaches the study of diversity by offering students an opportunity to understand the meaning of difference from a multitude of perspectives. Students study how categories of diversity are created, the experience of being perceived as different in society, and the consequences of difference as gauged by the allocation of privilege and resources to differing groups within society. Such categories as race, ethnicity and national identity, socioeconomic status, gender differences, sexual orientation, learning styles and religious affiliation are addressed. Similarities between ethnic groups and cultures are also examined. The sociological paradigms/perspectives are also utilized in the study of diversity. Students shape a presentation that addresses diverse subject matter in an experiential manner. As the course concludes, attention is directed towards identifying strategies that can be employed both on a macrolevel in society and on a micro-level within the students' realm of influence, to broaden the acceptance of differing perspectives in a pluralistic society.

Prerequisite(s): SOC1001 or SOC2005. (OL)

Offered at Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**SOC3070 Visual Literacy and the Sociology of Perception**

Human perception of the social world is studied 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): ENG1021 or ENG1027, junior status.

Offered at Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

## 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. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

**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. This course concentrates greatly on advanced verb forms and idiomatic expressions.

Prerequisite(s): SPAN1001 or SPAN1011 or equivalent placement score.

Offered at Charlotte, Denver, Providence, Providence CE  
4.5 Quarter Credit Hours



### **SPAN1011 Conversational Spanish I: Specialized Vocabulary**

This course is designed as an introduction to the Spanish language and is tailored specifically to the needs of culinary and hospitality students. Emphasis is placed on basic sentence structure and oral communication, skills that students can use in the workplace. (HY) (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
4.5 Quarter Credit Hours

### **SPAN2001 Conversational Spanish III**

This advanced intermediate course is designed to perfect the usage of advanced grammar through extensive conversational drill, directed reading, composition and laboratory practice.  
Prerequisite(s): SPAN1002 or equivalent placement score.  
Offered at Charlotte, Denver, Providence, Providence CE  
4.5 Quarter Credit Hours

## **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  
4.5 Quarter Credit Hours

### **SPED5130 Communication: Language Development and Learning**

This course teaches students that language development forms the basis for learning and is a key component in fostering student progress. Issues addressed include those surrounding speech and language development as it relates to learning, both as a language disability and as an English language learner.  
Prerequisite(s): EDUC5220, EDUC5240.  
Offered at Providence  
2.25 Quarter Credit Hours

### **SPED6110 Understanding and Managing Behavior**

This course examines the fundamentals of classroom management and student behavior that are critical to successful learning environments and social interactions. 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. Through classwork and lab experience, a range of social, emotional, behavioral and psycho-educational theories and interventions are examined and discussed.  
Prerequisite(s): EDUC5270, SPED5130.  
Offered at Providence  
4.5 Quarter Credit Hours

## **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, Denver, North Miami, Providence  
4.5 Quarter Credit Hours

### **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): FSM1001 or FSM3001 or HOSP1001 or MGHI1000 or MGMT1001 or SEE1001.  
Offered at Charlotte, Denver, North Miami, Providence  
4.5 Quarter Credit Hours

### **SEE2010 Facilities Operations**

This course introduces students to the functions, procedures and systems necessary to plan, develop, operate and maintain indoor/outdoor sport and recreation facility environments. Emphasis is on the importance of the facility manager's role in maintaining the physical plant and grounds for maximum safety, comfort and profitability.  
Prerequisite(s): FSM1001 or FSM3001 or HOSP1001 or SEE1001.  
Offered at Charlotte, Denver, North Miami, Providence  
4.5 Quarter Credit Hours

### **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 Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

### **SEE2020 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): FSM1001 or FSM3001 or HOSP1001 or MGHI1000 or MGMT1001 or SEE1001. (HY)  
Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

### **SEE2030 The Business of the Entertainment Industry**

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): FSM1001 or FSM3001 or HOSP1001 or MGHI1000 or MGMT1001 or SEE1001.  
Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

### **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, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours

### **SEE2070 The Gaming Industry**

This introductory course is designed to familiarize students with the many facets of the entire gaming industry. Topics to be covered include: the history of gambling, common forms of gambling, major gaming destinations, career paths, gaming industry leaders, regulation and licensing and basic organization of a casino resort. Current trends and issues in the industry are also discussed.  
Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
4.5 Quarter Credit Hours



**SEE3008 Ancillary Services and Revenue Management in the Sports, Entertainment and Event Industry**

This course explores the business dynamics of ancillary services and revenue management in the sports, entertainment and event industry. Emphasis is on the current procedures and standards for managing concessions, catering, retail operations, effective techniques for responsible alcoholic beverage service, and cost control procedures. Students focus on the manager's role in delivering multiple levels of service in an effective manner. Students obtain a certification in effective alcohol management.

Prerequisite(s): (FISV2000 or FISV2010, FSM2110 or SEE2020) or (SEE2010, SEE2020, SEE2030).

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**SEE3010 Ticketing Methods and Data Analysis in Sports, Entertainment and Event Management**

This course explores the many facets of ticketing and access management within the sports, entertainment and event industry. Content includes ticketing operations, configurations, coding, pricing and analytics. Emphasis is on utilizing the ticketing process to gather information about consumers before, during and after the event. Students also explore the management, marketing and promotional efforts behind the sale of tickets, along with technology used to administer ticketing and box office inventory control systems.

Prerequisite(s): SEE3008.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**SEE3015 Managing Gaming Operations**

This advanced course is designed to familiarize the student with basic knowledge about managing casino properties. Discussions include casino financial management, organizational structure, gaming terminology, casino design, with special emphasis on casino marketing. International and internet gaming markets are also explored. A field trip to a pre-selected casino is mandatory.

Prerequisite(s): SEE2070. (HY) (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**SEE3020 Professional Sports 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. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence

4.5 Quarter Credit Hours

**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): LEAD1010. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence

4.5 Quarter Credit Hours

**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): SEE2020 or HOSP2011 or FSM3001. (HY) (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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, quinceañera parties, debutante balls, anniversaries and civilian funerals. Special emphasis is placed 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 décor, entertainment, catering and budgeting are explored. In addition, strategies for attracting, managing and retaining clients are discussed.

Prerequisite(s): SEE2020 or HOSP2011 or FSM3001.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**SEE3045 New Media Literacy in Sports, Entertainment and Event Management**

This course develops the skills necessary to proactively interact with mass communication within the sports, entertainment and event industry. Emphasis is on the ethical responsibilities of a spokesperson and the experience needed to communicate to the media in a variety of situations, including the development and creation of a press conference and communicating the brand and image to the consumer base.

Prerequisite(s): ENG1021 or ENG1027, ENG1030. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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): SEE2020, must be accepted in Study Abroad program.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

9 Quarter Credit Hours

**SEE3060 Concert and Event Production**

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): SEE2010 or MCST2010, SEE2030.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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. The 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): HOSP2011 or SEE2020. (OL)

Offered at Charlotte, Denver, Online, Providence

4.5 Quarter Credit Hours

**SEE3095 Tournament Management**

The course provides an overview of tournament management. Students establish, facilitate, design and operate a tournament. Emphasis is placed on the student's ability to operate a successful tournament for a variety of events. Tournament types, tournament marketing and sponsorship, and risk management are also discussed.

Prerequisite(s): Sophomore status.

Offered at Denver, North Miami, Providence

4.5 Quarter Credit Hours

**SEE3099 Sports/Entertainment/Event Management Internship**

This junior-level course provides the opportunity for the application of acquired skills and knowledge in a supervised sports/entertainment/event-related industry setting.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, and 2) have completed 90 hours of course work.

Offered at Charlotte, Denver, North Miami, Providence

4.5-13.5 Quarter Credit Hours

**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. For more information, visit Experiential Education & Career Services.

Prerequisite(s): SEE2010. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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 Denver, North Miami, Providence

4.5 Quarter Credit Hours

**SEE3160 Sponsorship, Sales and Relationship Management**

This course explores the procedures and tactics necessary to define, target, attract, secure and retain corporate sponsors within the global sports, entertainment and event industry, including festivals, conventions, expositions, sporting events, concerts and not-for-profit (charitable) events. Students demonstrate effective sales strategies within the sports, entertainment and event industry and analyze the impact of relationship management. An experiential learning project is incorporated into this course.

Prerequisite(s): Junior status.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**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): Junior status.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

**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 LAW2010. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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): MRKT1001. (HY)

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence

4.5 Quarter Credit Hours

**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): (FISV2000 or FISV2010, SEE4050) or (ACCT3020 or ACCT3025, HOSP3050 or MRKT1001), senior status. (HY)

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

## Technology Experiential Education (TECX) Courses

**TECX4020 Technology Solo Project**

This course allows each student to design, build, implement, or research an actual technology project related to his or her degree program. Under the supervision of a faculty advisor, each student selects an appropriate project (often from a list of project requests submitted to the School of Engineering & Design), sets a completion schedule, reports on project progress, and finally writes an extensive final report on the results of the project. Students defend their work and report in an oral presentation before a faculty panel.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**TECX4045 Technical Solutions Team I**

In this class, students act as part of a working technology project team. During the term prior to the beginning TSTI, each student applies for a position on a particular team working on a specific project; only students accepted for such positions will be admitted into the course. Students begin TSTI with a series of lectures and workshops that familiarize them with the project methods and protocols used by TSTI. They then work under the supervision of a faculty project manager and subject matter advisors. Teams submit their work for regular phase reviews; set and conform to explicit schedules for project work; monitor and assure project quality; assess and mitigate project risks; draft, update and maintain all project documentation; and are ultimately responsible for the outcome of the project. This course is one of several options in the School of Engineering & Design for students to fulfill their experiential education requirements.

Prerequisite(s): PRMG2010.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**TECX4046 Technical Solutions Team II**

This course is an optional continuation of TECX4045, Technical Solutions Team I working on new or previously started projects. Students work in cross-functional teams under the supervision of faculty project managers and subject matter advisors. Teams submit their work for regular phase reviews; set and conform to explicit schedules for project work; monitor and assure project quality; assess and mitigate project risks; draft, update and maintain all project documentation; and are ultimately responsible for the outcome of the project. This course is one of several options in the School of Engineering & Design for students to fulfill their experiential education requirements.

Prerequisite(s): TECX4045.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**TECX4099 Technology Internship**

In this course, experiential learning takes place in diverse business work settings in the United States. Selected students perform work assignments related to their chosen career focus in industry while earning academic credit and a wage. The Technology Internship program is an individualized program, centered on the student who is committed to personal and professional growth and uses productive work as the means of achievement. The internship's partnership between employers and educators assists student growth and development. Upon completion of this course, students have a more global understanding of the demands and expectations of employers in industry. This is a variable credit course; students can extend or add additional experiences across multiple terms.

Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, 2) have completed 130 hours of course work, 3) have appropriate elective credit available, and 4) have the sponsorship of a faculty advisor.

Offered at Providence

4.5-13.5 Quarter Credit Hours

## Travel Tourism (TRVL) Courses

**TRVL1035 Travel Information Systems**

This course provides a comprehensive, hands-on system learning experience. Students become proficient in the use of current Airline Reporting Corporation (ARC) documentation, simulated CRS systems, Internet resources, as well as other technologies used for the management of related travel services. Students are able to understand the technological interactions within a Global Distribution System (GDS).

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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. (SL)

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**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 Charlotte, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**TRVL2810 The Aviation and Airline Industries**

This course familiarizes students with the US and international airline industry. The course focuses on the organization and management functions of the airlines, and emphasizes the application of class material to current industry issues.

Prerequisite(s): Sophomore status.

Offered at Providence, Providence CE

4.5 Quarter Credit Hours

**TRVL3010 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. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

4.5 Quarter Credit Hours

**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, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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): TRVL3010.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**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): TRVL2801, junior status.

Offered at North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**TRVL3040 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.

Prerequisite(s): FSM3001 or FSM3099 or HOSP3099 or SEE2020 or TRVL3099.

Offered at Charlotte, Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**TRVL3060 Managing Airports**

This course familiarizes students with the U.S. and international aspects of managing airports. The course focuses on the organization and management functions of airports, the specific needs the airport owners, local community, airlines as users and the flying markets.

Prerequisite(s): Sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

**TRVL3065 Managing Airlines**

The course focuses on the organization and management functions of the airline industry: network flows, flight scheduling, fleet assignment, aircraft routing, crew scheduling, manpower planning, revenue management, gate assignment, aircraft boarding strategy, and marketing. The course emphasizes the current changes and trends in the airline industry.

Prerequisite(s): Sophomore status.

Offered at Providence

4.5 Quarter Credit Hours

**TRVL3080 Dynamics of the Cruise Industry**

This course acquaints students with the modern cruise industry. Students identify the role of cruise lines in the travel and tourism industry, develop a detailed foundation and knowledge of the various cruise line products and destinations, understand the various career opportunities available, as well as recognize how to sell a cruise. Ship inspections are offered during the course.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

**TRVL3081 Cruise Operations**

This course presents a survey of both onboard and shoreside cruise operations. Examination of onboard activities includes embarkation/debarkation, hotel staff, entertainment, shore excursions, security, etc. Shoreside operations include reservations, air/sea, finance, purchasing, itinerary development, legal, human resources, etc. The process of how cruise lines negotiate with various outside vendors and agents is also examined. Prerequisite(s): TRVL3080.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

**TRVL3082 Cruise Marketing and Sales**

This course deals with the broad scope of marketing a cruise line product. Emphasis is placed on the analysis, structure and the strategies of the cruise marketing department. Various promotional activities are examined including TV, radio and print advertising as well as direct mail, the Internet and the retail travel agency distribution system. Students have an opportunity to visit and meet with cruise line marketing and sales departments.

Prerequisite(s): TRVL3080.

Offered at North Miami, Providence

4.5 Quarter Credit Hours

**TRVL3099 Tourism & Hospitality Internship**

This internship is designed to give students practical experience in the tourism and hospitality industry. Students acquire insight into the practical aspects of an organization's operation by observing and participating in day-to-day activities.

Prerequisite(s): HOSP1080, to be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, and 2) have completed 90 hours of course work.

Offered at North Miami, Providence, Providence CE

6.75-13.5 Quarter Credit Hours

**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 will also offer opportunities for a field project. Students are required to participate in all off-campus activities with the designated industry partners.

Prerequisite(s): Sophomore status.

Offered at North Miami, Providence, Providence CE

4.5-9 Quarter Credit Hours

**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 Providence

4.5 Quarter Credit Hours

**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. For more information, visit Experiential Education & Career Services.

Prerequisite(s): MRKT1001.

Offered at Denver, North Miami, Providence, Providence CE

4.5 Quarter Credit Hours

**TRVL4160 Travel and Tourism Strategic Management Seminar**

This capstone course culminates the theoretical training for the advanced student of hospitality and tourism studies. The course is designed to provide insight into the policy formulation and strategic management of travel and tourism entities. Essential elements of the course include a variety of teaching methods; analysis of current issues and situations in the travel and tourism field; keeping up to date and current by utilizing different web sites; and research projects and case analyses that will improve the understanding of the strategic planning process, critical thinking and decision-making capabilities of the student.

Prerequisite(s): FISV2000, MRKT1001.

Offered at North Miami, Providence, Providence CE

4.5 Quarter Credit Hours



# 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 and study abroad opportunities, and available honors programs and academic societies.

## Class Schedules

The course schedule ([https://uconnect.jwu.edu/prod/bwckschd.p\\_disp\\_dyn\\_sched](https://uconnect.jwu.edu/prod/bwckschd.p_disp_dyn_sched)) is published before registration begins for each term. The course schedule will include course meeting days and times, seat capacity, course prerequisites and additional information for courses meeting the search criteria.

Occasionally, make-up classes are scheduled, due to holidays or other missed days, to meet minimum classroom hour requirements. It is possible that at times a course may not be rescheduled and the student will be responsible for all work as outlined in the syllabus.

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.

## Summer Sessions

Optional summer session courses are offered by the university. Individual courses may not be offered in the summer if student interest or enrollment is not sufficient; as a result, summer degree completion cannot be guaranteed.

Students matriculating at Johnson & Wales are not granted credit for summer session courses taken at other institutions unless prior permission has been granted by Student Academic & Financial Services.

## Academic Policies

This section of the catalog contains important information about the academic policies of Johnson & Wales University, the grading system and other academic requirements.

## 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 term of enrollment. Academic standing standards differ by program of study. Please refer to the following academic standing standards charts. If students are not in good academic standing or have questions about the requirements for graduation, they should make an appointment with an academic counselor for assistance in assessing their situation.

Students who meet the following criteria are considered to be in good academic standing:

- Undergraduate students need a minimum GPA of 2.0.
- Graduate students need a minimum GPA of 3.0.
- Doctoral students need a minimum GPA of 3.25.
- 4+1 B.S./MBA/M.S. program students need a minimum GPA of 3.0 in graduate-level coursework.

According to the following academic standing standards, students who do not satisfy good academic standing requirements will be placed on probation, suspended (undergraduate students only) or dismissed.

### Academic Standing Standards: Undergraduate Day and Online Programs

#### First-Term Students:

Status at Start of Term	Total Credit Hours Attempted	Cumulative GPA	Status after Term Completion
Good Standing	0–higher	2.0–4.0	Good Standing
Good Standing	0–21	1.0–1.99	Probation 1st Term
Good Standing	0–21	0–.99	Suspended
Good Standing	21.1–42	1.26–1.99	Probation 1st Term

Good Standing	21.1–42	0–1.25	Suspended
Good Standing	42.1–higher	1.5–1.99	Probation 1st Term
Good Standing	42.1–higher	0–1.49	Suspended

#### Returning Students:

Status at Start of Term	Total Credit Hours Attempted	Cumulative GPA	Status after Term Completion
Good Standing	0–higher	2.0–4.0	Good Standing
Good Standing	0–21	1.0–1.99	Probation 1st Term
Good Standing	0–21	0–.99	Suspended
Good Standing	21.1–42	1.26–1.99	Probation 1st Term
Good Standing	21.1–42	0–1.25	Suspended
Good Standing	42.1–higher	1.5–1.99	Probation 1st Term
Good Standing	42.1–higher	0–1.49	Suspended
Probation 1st Term	0–higher	2.0–4.0	Good Standing
Probation 1st Term	0–21	1.0–1.99	Probation 2nd Term
Probation 1st Term	0–21	0–.99	Suspended
Probation 1st Term	21.1–42	1.26–1.99	Probation 2nd Term
Probation 1st Term	21.1–42	1.0–1.25	Suspended
Probation 1st Term	21.1–42	0–.99	Academic Dismissal
Probation 1st Term	42.1–higher	1.5–1.99	Probation 2nd Term
Probation 1st Term	42.1–higher	1.26–1.49	Suspended
Probation 1st Term	42.1–higher	0–1.25	Academic Dismissal
Probation 2nd Term	0–higher	2.0–4.0	Good Standing
Probation 2nd Term	0–21	1.0–1.99	Probation 3rd Term
Probation 2nd Term	0–21	0–.99	Suspended
Probation 2nd Term	21.1–42	1.26–1.99	Probation 3rd Term
Probation 2nd Term	21.1–42	1.0–1.25	Suspended
Probation 2nd Term	21.1–42	0–.99	Academic Dismissal
Probation 2nd Term	42.1–higher	1.5–1.99	Probation 3rd Term
Probation 2nd Term	42.1–higher	1.26–1.49	Suspended
Probation 2nd Term	42.1–higher	0–1.25	Academic Dismissal
Probation 3rd Term	0–higher	2.0–4.0	Good Standing
Probation 3rd Term	0–higher	1.51–1.99	Suspended
Probation 3rd Term	0–higher	0–1.50	Academic Dismissal
Academic Warning	0–higher	2.0–4.0	Good Standing
Academic Warning	0–42	1.25–1.99	Probation 1st Term



Academic Warning	0–42	0–1.24	Academic Dismissal
Academic Warning	42.1–63	1.5–1.99	Probation 1st Term
Academic Warning	42.1–63	0–1.49	Academic Dismissal
Academic Warning	63.1–84	1.75–1.99	Probation 1st Term
Academic Warning	63.1–84	0–1.74	Academic Dismissal
Academic Warning	84.1–higher	0–1.99	Academic Dismissal

#### Academic Standing Standards: Continuing Education

Status at Start of Term	Total Credit Hours Attempted	Cumulative GPA	Status after Term Completion
Good Standing	0–higher	2.0–4.0	Good Standing
Good Standing	0–higher	0–1.99	Probation 1st Term
Probation 1st Term	0–higher	2.0–4.0	Good Standing
Probation 1st Term	0–higher	1.25–1.99	Probation 2nd Term
Probation 1st Term	0–higher	1.0–1.24	Suspended
Probation 1st Term	0–higher	0–.99	Academic Dismissal
Probation 2nd Term	0–higher	2.0–4.0	Good Standing
Probation 2nd Term	0–higher	1.50–1.99	Probation 3rd Term
Probation 2nd Term	0–higher	1.25–1.49	Suspended
Probation 2nd Term	0–higher	0–1.24	Academic Dismissal
Probation 3rd Term	0–higher	2.0–4.0	Good Standing
Probation 3rd Term	0–higher	1.5–1.99	Suspended
Probation 3rd Term	0–higher	0–1.49	Academic Dismissal
Academic Warning	0–higher	2.0–4.0	Good Standing
Academic Warning	0–27	1.25–1.99	Probation 1st Term
Academic Warning	0–27	0–1.24	Academic Dismissal
Academic Warning	27.1–40.99	1.5–1.99	Probation 1st Term
Academic Warning	27.1–40.99	0–1.49	Academic Dismissal
Academic Warning	41–54.99	1.75–1.99	Probation 1st Term
Academic Warning	41–54.99	0–1.74	Academic Dismissal
Academic Warning	55–higher	0–1.99	Academic Dismissal

#### Academic Standing Standards: Graduate Programs (4+1 B.S./MBA/M.S. program students must meet these standards for the graduate-level coursework for which they are enrolled.)

Status at Start of Term	Total Credit Hours Attempted	Cumulative GPA	Status after Term Completion
Good Standing	0–higher	3.0–4.0	Good Standing
Good Standing	0–higher	2.0–2.99	Probation 1st Term

Good Standing	0–higher	0–1.99	Academic Dismissal
Probation 1st Term	0–higher	3.0–4.0	Good Standing
Probation 1st Term	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: Doctoral Programs

Status at Start of Term	Total Credit Hours Attempted	Cumulative GPA	Status after Term Completion
Good Standing	0–higher	3.25–4.0	Good Standing
Good Standing	0–higher	0–3.24	Academic Dismissal

Note: Doctoral students will be dismissed if their GPA is less than 3.25, or when they earn a grade of F, WF or W in any course. No classes may be repeated.

#### Academic Probation

Probation may affect a student's ability to register and/or graduate. Graduate program students and 4+1 B.S./MBA/M.S. program students are allowed one term only on probation.

#### Academic Suspension

Suspended students may not matriculate at the university for at least one term and are expected to work on academic deficiencies. To return to the university, these students must petition the Academic Appeals Committee, providing a letter of intent and documentation of academic improvement. The committee will consider appeals that document mitigating circumstances.

#### Academic Dismissal

Dismissed students may no longer matriculate at the university and are expected to work on academic deficiencies. To return to the university, students may petition the Academic Appeals Committee, providing a letter of intent and documentation of academic improvement. The committee will consider appeals that document mitigating circumstances.

#### 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 term due to mitigating circumstances.

These undergraduate students will be allowed to register for a maximum of 13.5 credits in academic classes or 15 credits in laboratory classes. In addition, these students will be required to attend a mandatory student skills strategies seminar and tutoring in identified content areas. Failure to complete these requirements will result in immediate dismissal.

## Attendance

All students are expected to attend each meeting of every class in which they are enrolled on time. The maximum number of absences for valid reasons is based on the credit hours for the course, with the exception of experiential education assignments and laboratories, which have their own specific attendance criteria. Absences beyond the stated maximum for each course may jeopardize academic standing or financial aid.

Student Academic & Financial Services should be notified immediately of any necessary prolonged absences. The Student Handbook contains rules and policies for frequent or prolonged absences from class.

Students are expected to familiarize themselves with attendance requirements outlined in the Student Handbook (<http://catalog.jwu.edu/handbook>).

# Credits and Grades

## Unit of Credit

The university measures undergraduate and graduate academic progress using the quarter credit hour system with the exception of the doctoral and physician assistant studies program, which operate under a semester credit hour system. Courses are offered in three formats and may combine two or more of those formats, which are lecture, laboratory and experiential.

Generally, one quarter credit represents 10 hours of instruction, which includes class lecture and additional activities; one quarter credit hour equals two laboratory hours or three experiential hours. Furthermore, all courses require additional hours of study and preparation outside of the classroom or learning environment.

Please see the appropriate section to review the respective grading system.

Undergraduate

## Undergraduate Grading System

September 1985 to present (note: not all grades are used by all colleges or schools)

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
Withdrawal/Fail	WF	0.00
Withdrawal/Pass	WP	
Audit	AU	
Challenge Exam Credit	CX	
Grade Pending	GP	
Incomplete	I	
No Credit	NC	
No Grade	NG	
Prior Learning Assessment	PL	
Proficiency	P	
Satisfactory	S	
Unsatisfactory	U	

Grade reports are viewable in jwuLink (<http://link.jwu.edu>).

## 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)#

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 term and cumulative grade point averages are adjusted to reflect only the passing grade. However, both grades will appear on the academic transcript.

## Withdrawal/Pass (WP), Withdrawal/Fail (WF)#

To record attempted credits, a grade of WP or WF is recorded when a student withdraws from a culinary/baking & pastry laboratory course or a course with an experiential education component, or is withdrawn due to excessive absences from a registered course after its add/drop period has ended. To qualify for a WP, the student must have an estimated grade of 60 or higher at the time of withdrawal. This grade is not entered into the term and cumulative grade point averages. If the estimated grade is below 60, the student will be issued a WF, which is entered into the term and cumulative grade point averages as a failing grade until successful completion of the course at a later date.

## Audit (AU)#

An Audit occurs when no academic credit is granted. This grade is not calculated into the term and cumulative grade point averages.

## Challenge Exam (CX)

Granted for specifically designated courses upon successful completion of department challenge exams. This grade is not calculated into the term and cumulative grade point averages.

## Grade Pending (GP)#

A temporary mark given when the completion of course requirements is still underway. A Grade Pending is not calculated into the term and cumulative grade point averages and is generally used under extreme, extenuating circumstances. If a grade is not submitted to replace the GP within one year, it will automatically become an F.

## Incomplete (I)#

Issued to students if they are unable to complete course requirements because of authorized absences due to service commitment or illness. Outstanding work must be completed within two weeks of the final exam class day or the grade will automatically become an F and will be included in the term and cumulative grade point averages. For classes graded S/U (Satisfactory/Unsatisfactory), an Incomplete (I) will change to a U.

## No Credit (NC)#

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 term and cumulative grade point averages.

## No Grade (NG)#

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 term and cumulative grade point averages.

## 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 term and cumulative grade point averages.

## Proficiency (P)

Granted for achievement of multiple levels of skills in progression where the self-paced approach is in effect. This grade is not calculated into the cumulative grade point average.

## Satisfactory/Unsatisfactory (S/U)

Used for designated courses throughout the university. These grades are not calculated into the term 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

September 1996 to present (note: not all grades are used by all colleges or schools)

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
Withdrawal/Fail*	WF	0.00
Withdrawal/Pass*	WP	

Incomplete	I
Audit	AU
Grade Pending	GP
No Credit	NC (non-punitive withdrawal)
No Grade	NG
Satisfactory	S
Unsatisfactory	U

*\*after September 2011*

Grade reports are viewable in jwuLink (<http://link.jwu.edu>).

#### PLEASE NOTE:

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). MBA foundation courses with grades below a C will need to be repeated.

#### Failure (F)#

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 term and cumulative grade point averages are adjusted to reflect only the passing grade. However, both grades will appear on the academic transcript.

#### Withdrawal/Pass (WP), Withdrawal/Fail (WF)#

In order to record attempted credits, a grade of WP or WF is recorded when a student withdraws from a culinary/baking & pastry laboratory course or a course with an experiential education component, or is withdrawn due to excessive absences from a registered course after its add/drop period has ended. To qualify for a WP, the student must have an estimated grade of 70 or higher at the time of withdrawal. This grade is not entered into the term and cumulative grade point averages. If the estimated grade is below 70, the student will be issued a WF, which is entered into the term and cumulative grade point averages as a failing grade until successful completion of the course at a later date.

#### Audit (AU)#

An Audit occurs when no academic credit is granted. This grade is not calculated into the term and cumulative grade point averages.

#### Grade Pending (GP)#

A temporary mark given when the completion of course requirements is still underway. A Grade Pending is not calculated into the term and cumulative grade point averages and is generally used under extreme, extenuating circumstances. If a grade is not submitted to replace the GP within one year, it will automatically become an F.

#### Incomplete (I)#

Issued to students if they are unable to complete course requirements because of authorized absences due to service commitment or illness. Outstanding work must be completed within two weeks of the final exam class day or the grade will automatically become an F and the grade will be included in the term and cumulative grade point averages. For classes graded S/U (Satisfactory/Unsatisfactory), an Incomplete (I) will change to a U.

#### No Credit (NC)#

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 term and cumulative grade point averages.

#### No Grade (NG)#

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 term and cumulative grade point average.

#### Satisfactory/Unsatisfactory (S/U)

Used for designated courses throughout the university. These grades are not calculated into the term 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

Certification of full, half or less than half-time enrollment status for loan deferment, medical insurance, etc. is based on hours of enrollment in a term. Listed below are the requirements that constitute full-time student status for official enrollment certification purposes and for financial assistance.

Students should realize that 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 WP, WF, W or NC in a course, that course will not count toward full-time status.

Status	Undergraduate	Graduate	Post Graduate
Full-time	12 or more	9 or more	12 or more
Half-time	6–11.99	4.5–8.99	6–11.99
Less than half-time	0–5.99	0–4.49	0–5.99

## Plagiarism/Turnitin

Students agree that by taking courses at JWU, required assignments may be subject to submission to Turnitin for the detection of plagiarism. All submitted papers will be included as source documents in the Turnitin reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin service is subject to the Usage Policy posted on Turnitin.com (<http://www.turnitin.com>).

## Repeat of Courses

When the appropriate course is available, the course may be repeated to earn a better grade. Upon successful completion of the course at a later date, the cumulative average is adjusted to reflect the highest grade earned. However, each grade earned will appear on the academic transcript. Students are required to pay normal tuition charges for all repeated course work.

Students are eligible for financial aid for only one repetition of a previously passed course. The highest grade earned will be calculated into the grade point average. When a student has repeated a course previously applied to an awarded degree, each grade earned will be included in the grade point average.

#### Course Deficiency

A course deficiency occurs when a student fails to complete a 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 will be assigned a course deficiency hold and will be required to meet with an academic counselor/advisor in Student Academic & Financial Services. Academic counselors/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 grade being calculated in the cumulative average.
- Student may be advised to take a pre-approved course at another institution outside of 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 required to attend content tutoring. The course deficiency hold will be removed once the student has satisfied the course requirement.

#### Academic Counseling

Academic counselors/advisors are available in Student Academic & Financial Services to assist students with preparation for graduation. Their goal is to assist students in evaluating, developing and maximizing their potential by providing guidance and support.

## Transfer and Career Prerequisites

Students who intend to transfer to other colleges or enroll in graduate schools 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 or foreign business, trade or professional licensing examinations should determine the prerequisites of those jurisdictions prior to selecting programs of study.

Students who are interested in transferring to JWU should see information on transfer admissions (p. 191).

#### Graduate

Once enrolled in a JWU graduate program, a student may not take core or concentration courses elsewhere and apply them for transfer credit except in extenuating circumstances, and when permission is granted by the dean's office. A grade of B or better must be earned for the course to transfer.

## Academic Transcripts

A transcript is a representation of a student's entire academic record while at Johnson & Wales University. In accordance with the Family Educational Rights and Privacy Act (FERPA), a transcript may be released only upon written request of the student. Students can also submit transcript requests online through jwuLink (<https://link.jwu.edu/cp/home/displaylogin>). Students intending to pick up transcripts in person must visit Student Academic & Financial Services or complete a transcript request form ([https://www.jwu.edu/uploadedFiles/Documents/Forms/Academic\\_Services/JWUTranscriptRequestForm.pdf](https://www.jwu.edu/uploadedFiles/Documents/Forms/Academic_Services/JWUTranscriptRequestForm.pdf)).

The university does not charge a fee for transcripts; however, official transcripts will not be released if a student is not current in all financial obligations to the university. Within three business days of receipt of an authorized request, official transcripts will be printed on official paper and then placed in sealed envelopes issued directly to the student or authorized designee. However, a longer period of time may be required for processing at the end of a term or during peak enrollment periods. Records prior to 2000 may be located on microfilm; if applicable, please allow 5-15 business days for processing.

The university does not email transcripts. A maximum of 20 official transcripts may be requested per year. Official transcripts are not produced while grade processing and posting is in progress at the end of each term.

Unofficial transcripts may be obtained in jwuLink (<http://link.jwu.edu>).

## Requirements

Please see the appropriate section for information regarding residency and graduation requirements.

#### Undergraduate

##### Residency Requirement

The undergraduate residency requirement refers to the number of courses and credits students must take at JWU, whether they are transfer students or JWU students acquiring an additional degree. The residency requirement for all students at Johnson & Wales University pursuing an associate degree is a minimum of 31.5 quarter credit hours, half of which must be within the major field.

For students pursuing a bachelor's degree, the minimum is 45.0 quarter credit hours, half of which must be within the major field.

Diploma/certificate candidates will be allowed to transfer a maximum of 9.0 quarter credits (including JWU courses) toward diploma/certificate program requirements.

Upon review, certain related professional studies courses and program electives may be considered when determining residency. Standardized testing credits are not considered when determining residency requirements.

##### Additional Degrees

Students may pursue one additional associate in science undergraduate degree by completing a Change of Status Form in consultation with an academic counselor in Student Academic & Financial Services. The additional degree must be in a program that has a minimum of 31.5 credits that are not in the student's primary major. (There must be a 31.5 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 may pursue one additional bachelor of science degree in a program that has a minimum of 45 credits that are not in their primary majors. (There must be a 45 credit difference between the two bachelor's degrees.) 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.

##### Graduation Requirements

Each student is required to submit an online graduation application at least two terms prior to degree completion. Students must file one application for each expected degree (i.e., associate, bachelor's, master's). The application ensures that students are reviewed for graduation at the correct time, that correct information is presented on the diploma, and that it is mailed to the correct address.

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 and may be subject to academic dismissal. Furthermore, as required by their program, all students must hold an active Sanitation Certification.

All associate-level degrees require the completion of a minimum of 90 quarter credits. All bachelor's-level degrees require a minimum of an additional 90 quarter credits, for a total of 180 quarter credits. While most major programs have variations that require slightly more quarter credits for completion, no program requires fewer than the 90/180 quarter credit minimum.

All students must be current in all financial obligations to the university, including tuition, fees and other expenses, before a diploma will be issued.

Permission to participate in commencement exercises does not imply that graduation requirements have been met.

##### Writing Requirement

Students who graduate with a bachelor of science degree must leave Johnson & Wales with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication. If competency is not achieved at this point, students must successfully complete ENG0001 Writing Workshop and achieve competency. This, in effect, is a graduation writing requirement for all students pursuing a bachelor of science degree from JWU.

#### Graduate

##### Residency Requirement

Residency requirement refers to the number of courses and credits a student must take at Johnson & Wales University.

A maximum of 20% of the program's credits can be awarded as transfer credit. Credit may be awarded for graduate-level courses that were completed with a grade of B or better (3.00 GPA) at another institution accredited by an accrediting agency recognized by the U.S. Department of Education or International Ministry of Education.

Due to the overlap in core curriculum, students who complete an MBA at the 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 an M.S. program at the university through Graduate Admissions. Students must meet the entrance requirements for the prospective program to gain admittance.

Only one doctoral degree is allowed.

##### Graduation Requirements

Each student is required to submit an online graduation application at least two terms prior to degree completion. The application ensures that students are reviewed for graduation at the correct time, that correct information is presented on the diploma, and that it is mailed to the correct address.

Graduation requires successful completion of a prescribed sequence of study and a minimum grade point average of 3.00 (3.25 for doctoral program students). Students with a cumulative GPA below 3.00 will not be in compliance with the criteria for good academic standing and may be subject to academic dismissal. In addition, doctoral program students must not receive a grade of F or W in a course.

All students must be current in all financial obligations to the university, including tuition, fees and other expenses, before a diploma will be issued.



Permission to participate in commencement exercises does not imply that graduation requirements have been met.

## 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 is intended to prepare students to become engaged citizens 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 knowing and understanding the world through the natural sciences, social sciences and humanities.

### Sequential Learning

Foundational skills are taught in the first two years and reinforced throughout the curriculum: oral and written communication, information literacy, critical and creative thinking, scientific reasoning and quantitative literacy.

Students will be required to build on foundational writing skills in many disciplines in the arts and 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 which 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 will be required to complete two Integrative Learning courses, one at the sophomore level and another in the senior year. These courses will approach a big idea or question from the perspective of two or more disciplines. Developing the habit of connected inquiry throughout the four years of their undergraduate experience will allow Johnson & Wales University graduates to apply and adapt their knowledge in innovative ways. Adaptive thinking is an essential skill for professional success and for 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.
- Solve mathematical problems and to apply mathematical reasoning to problems in other fields of study.
- 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 various social science perspectives.
- Analyze and interpret human history, philosophy, literature and the arts.
- Demonstrate knowledge and application of the scientific principles that govern the natural world.
- 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 63 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>		13.5
ENG1020	English Composition	
ENG1021	Advanced Composition and Communication	
ENG1030	Communication Skills	
<b>Integrative Learning</b>		9
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>		9
One course required by program		
Additional AH course in a different discipline		

<b>Math – Two courses</b>		9
MATH One course at level of placement, 1002 or higher, minimum set by program		
MATH2001	Statistics (or other required by program)	
<b>Science – At least one course (may be a program requirement)</b>		4.5
<b>Social Sciences – Two courses from ECON, LEAD, PSCI, PSYC, SOC</b>		9
One course required by program		
Additional SS course in a different discipline		
<b>A&amp;S Electives</b>		9
Two courses with an EASC attribute, at least one at 3000 level or higher.		
<b>Total Credits</b>		<b>63.0</b>

NOTE: Students must pass MATH0010 Basic Mathematics or have equivalent placement scores to enroll in required math course(s).

Students who graduate with a bachelor of science degree must leave Johnson & Wales University with effective writing skills. These writing skills will be assessed at the completion of ENG1021 Advanced Composition and Communication.

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

## Experiential Education & Career Services

Experiential Education & Career Services (EE&CS) offers a variety of internship programs and career services including a career capstone 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.

Experiential Education & Career Services components include

- internship opportunities available in the College of Management, College of Culinary Arts, College of Arts & Sciences and School of Engineering & Design (Providence Campus only). 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
- one-on-one advising from our career professionals who assist with résumé development, mock interviews and job search strategies
- a career capstone course for juniors and seniors that prepares them to navigate the job search process
- career workshops that allow students to select specific skill-building topics such as building a résumé, networking and interviewing
- networking opportunities with industry professionals through on-campus interviewing and recruiting events
- career advising resources on a variety of topics including résumé examples vetted by industry and approved by faculty
- online job postings by employers who are looking to hire students for part-time and full-time jobs (on and off campus) as well as internships. Go to [jwuLink \(https://link.jwu.edu\)](https://link.jwu.edu) > Jobs and Internships > Find a Job.
- employers representing a broad range of fields, who visit campus each year to participate in recruiting events and serve as guest lecturers and classroom speakers. These activities provide students with a real-world view of industry as well as opportunities to connect with industry professionals and career options.

## Study Abroad

JWU Study Abroad is a way for students of all majors to earn academic credit while taking classes and studying internationally. Study abroad promotes global citizenship and interconnectedness through international study. Programs are available that allow students to delve into many different areas of interest (i.e., explore farm-to-table cuisine and learn from elite chefs in Paris; practice leadership and nature tour guiding skills in South Africa; study fashion and design in Italy; learn regional Asian culinary skills in Singapore; or expand the freshman experience in Berlin).

In collaboration with schools and colleges on all campuses, JWU Study Abroad programs offer a variety of options for major, Arts & Science and elective credit at many price points for students during the academic year and summer. Financial aid is applicable to most programs. Visit the study abroad



website (<http://studyabroad.jwu.edu>) for information, program descriptions and online applications.

## Academic Functions

Attendance at a **New Student Orientation** program is mandatory for all new students. Summer orientation is offered to all new students entering Johnson & Wales in the fall term. At Summer orientation, students meet with academic representatives in their chosen school or college and take academic placement exams. Students also learn about campus resources, network with upperclass student leaders, familiarize themselves with the campus and have the opportunity to make new friends. An abbreviated version of this same orientation program is also offered to all new students each term prior to the start of classes.

**Academic Convocation** is held the weekend before classes begin in the fall. This academic ceremony brings together all facets of the university to celebrate and commence the academic year.

**Senior Day** is held annually in the spring to honor students who have displayed a high level of performance in academic achievement or in service to Johnson & Wales University.

**Commencement** is held at the end of each academic year. At these exercises, degree candidates are recognized. Participation in commencement exercises does not imply that graduation requirements are met.

## Honors

Johnson & Wales University recognizes high-level scholastic achievement in a variety of ways.

- Latin Honors (e.g., cum laude, magna cum laude and summa cum laude) are awarded upon graduation to eligible degree candidates based on their graduating grade point average.
- The Honors Program offers students the opportunity to complete an enhanced undergraduate curriculum and to earn the University Honors Scholar designation on their transcripts and diplomas.
- The SHARP program allows eligible students to accelerate their course of study by registering for additional credits each term.
- Additionally, the university recognizes superior academic performance through other honors societies and university awards.

## Latin Honors

Eligible degree candidates receive cum laude, magna cum laude and summa cum laude recognition according to their academic program average. Students with the designated graduating GPA are eligible to receive honors as follows: cum laude, 3.40–3.60; magna cum laude, 3.61–3.80; and summa cum laude, 3.81–4.00.

### Dean's List

In recognition of scholastic achievement, full-time students (carrying a minimum of 12 quarter credit hours) at Johnson & Wales University who have achieved a term GPA of 3.40 or above receive Dean's List commendation. Upon processing of approved grade changes, student records will be evaluated for Dean's List eligibility.

## Honors Program

The Honors Program offers academically talented day program students seeking bachelor's degrees the opportunity to explore challenging and stimulating courses. Eligible applicants must have taken a college prep curriculum, maintained an average of B or better, placed in the top 25 percent of their high school graduating class, and submitted SAT or ACT scores.

Honors students enroll in honors sections of several courses in the arts and sciences core and their program of study, including smaller, student-centered honors seminars in their sophomore and junior years and, for students in the College of Culinary Arts, Honors Options (H-options) in select lab sequences. All honors students complete a two-term research course sequence, culminating in an honors thesis or other honors capstone project. Through these experiences, they have 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 complete the Honors Program requirements will graduate with the University Honors Scholar designation. The college-specific requirements for this honors designation are as follows:

### College of Culinary Arts

Honors students must complete a total of eight honors courses or H-option lab sequences and submit an accepted honors thesis to earn the University Honors Scholar designation. These courses include ENG1024 Honors Composition: Writing in the Academy; ENG1027 Honors Advanced Composition and Communications: Civic Discourse; four honors seminars (two of which may be replaced by Culinary H-Option lab sequences); RSCH3020 Honors Research Seminar; and RSCH4020 Honors Directed Academic Experience, culminating in an honors thesis.

### All Other Colleges

Honors students must complete a total of eight honors courses and submit an accepted honors thesis to earn the University Honors Scholar designation. These courses include ENG1024 Honors Composition: Writing in the Academy; ENG1027 Honors Advanced Composition and Communications: Civic Discourse; four honors seminars; RSCH3020 Honors Research Seminar; and RSCH4020 Honors Directed Academic Experience, culminating in an honors thesis.

### Joint Degree Programs

Honors students who begin their studies in the College of Culinary Arts and complete their studies in the College of Management will carry their honors work forward, completing a total of four honors courses (any combination of Culinary H-option lab sequences or honors seminars) in addition to ENG1024 Honors Composition: Writing in the Academy; ENG1027 Honors Advanced Composition and Communications: Civic Discourse; RSCH3020 Honors Research Seminar; and RSCH4020 Honors Directed Academic Experience, culminating in an honors thesis.

### Transfer Students

Transfer students may enter the Honors Program if they can provide documentation of Honors Program enrollment at their former institution, provided their GPA is 3.40 or higher at the time of their acceptance to Johnson & Wales University.

Non-honors students at Johnson & Wales may apply to the program, provided they carry a 3.40 GPA or higher, first year or sophomore status, and have completed at least a term of study at JWU. Students must provide a faculty recommendation.

Students who transfer into the Honors Program may be eligible to waive some honors course requirements. Contact the Honors Program director for application details.

## Academic Societies

**Alpha Beta Kappa** is a national honor society that recognizes superior student academic achievement, character and leadership. Students must have a minimum 3.90 cumulative GPA to be invited to join the honor society.

**ESD Honor Society** recognizes sophomores and seniors in the School of Hospitality for their outstanding academic achievement, meritorious service and demonstrated professionalism. ESD is a national honor society sponsored by the International Council on Hotel, Restaurant and Institutional Education (CHRIE).

## Awards

Johnson & Wales University recognizes superior academic achievement and outstanding contributions in extracurricular activities by granting the following awards at a private ceremony held prior to commencement.

Selected by the College of Management, John Hazen White College of Arts & Sciences, College of Culinary Arts and School of Engineering & Design, the **Trustee Award**, in memory of the faithful service to the university of trustees Gov. Christopher DelSesto and Dr. Anthony Kemalian, is given to the students who have contributed the most service to the university.

Selected by the College of Management, John Hazen White College of Arts & Sciences, College of Culinary Arts and School of Engineering & Design, the **Academic Performance Award** recognizes graduating students in baccalaureate degree programs who have achieved the highest academic average and who have been recommended by the faculty.

The **Dean's Award** is presented to one bachelor's degree student from each College of Management, John Hazen White College of Arts & Sciences, College of Culinary Arts and School of Engineering & Design degree program who exemplify the core values of commitment, leadership, high academic standing and career focus.

## University Awards

The **Apprenti Cuisinier Award of Excellence** is awarded to a graduating College of Culinary Arts student who has demonstrated exceptional motivation and success in a special area of discipline.

The **School of Hospitality Alumnae Award** recognizes one outstanding senior from each School of Hospitality department who demonstrates excellence in academics, leadership on and off campus, has a history of significant university and community service, and is highly recommended and regarded by the faculty.

The **School of Hospitality Centennial Award** recognizes one outstanding senior from each School of Hospitality department who by their serious approach to education and perseverance in their career objectives, best exemplify the ideals and principles expressed by Johnson & Wales University founders Gertrude I. Johnson and Mary T. Wales.

The **Leadership Award** is in recognition of outstanding leadership and service in the furtherance of the aims and purposes of the School of Business at Johnson & Wales University.

The **Centennial Legacy Award** is in recognition of your commitment to leaving a legacy to the School of Business and its mission of student achievement, community, and professionalism that exemplifies the ideals of Johnson & Wales University.

The **Albert J. Mikula Memorial Award (School of Engineering & Design Award of Excellence)** is presented to a School of Engineering & Design senior who exemplifies the ideals and principles expressed by Albert J. Mikula, a driving force in the development of this school. The recipient will have demonstrated dedication to academic excellence and consistency; service to the university, school and community; outstanding work ethic and generosity of time and talent.

The **Experiential Education Recognition Award** is given to a School of Engineering & Design senior who has demonstrated the greatest level of professionalism, reliability, responsibility and technical expertise in a sponsored internship, Project Team or Solution Team, bringing honor and prestige the school. This award is voted on by the faculty and staff of the school.

## Scholarships

The **Founder's Award** is presented to rising sophomore, junior or senior students in the College of Management, College of Culinary Arts and the School of Engineering & Design who, by their serious approach to career education and perseverance in their objectives, represent the ideals and principles expressed by the founders of Johnson & Wales University, Gertrude I. Johnson and Mary T. Wales. Students must have a minimum 3.4 cumulative grade point average (GPA) to be considered for this award.

The **Pioneer's Award** was established to honor Audrey Gaebe. This award is presented to rising sophomores and juniors enrolled in the John Hazen White College of Arts & Sciences who actively participate in the JWU campus community. Students must have a minimum 3.4 cumulative GPA to be considered for this award.

The **President's Award** is given to rising juniors in College of Management, College of Culinary Arts and the School of Engineering and Design who perform in an outstanding capacity in academic pursuits, display leadership in extracurricular activities and show determination, cooperation and a strong college spirit. Students must have a minimum 3.4 cumulative GPA to be considered for this award.

# Admissions

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.

## 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 (<http://admissions.jwu.edu/apply>) for quicker processing. Paper applications are also accepted. For either method, no application fee is required.

To submit your application on paper, you may request an application be mailed to you 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

#### North Miami Campus

Admissions  
Johnson & Wales University  
1701 NE 127th Street  
North Miami, FL 33181

#### Denver Campus

Admissions  
Johnson & Wales University  
7150 Montview Boulevard  
Denver, CO 80220

#### Charlotte Campus

Admissions  
Johnson & Wales University  
801 W. Trade Street  
Charlotte, NC 28202

Be sure to complete your application in full, as an incomplete application could affect eligibility for Johnson & Wales scholarship programs. Additional information submitted after the initial application has been received will not be considered for additional scholarships. 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 term in which they wish to enroll. Applications are accepted for terms beginning in the fall, winter and spring.

There is no deadline for submitting applications, but students are advised to apply as early as possible before their intended date of enrollment for full consideration, as some programs may become full.

Certain bachelor's degree programs are selective and require submission of an application at the end of the associate degree program before acceptance into a program. Students should check program descriptions if they are interested in applying for both an associate and a bachelor's degree program.

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 for admissions consideration.

When possible, Johnson & Wales University would prefer 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.

Students applying for admission to a continuing education program at JWU's Providence (<http://catalog.jwu.edu/admissions/applying/providence-ce>) or Denver (<http://catalog.jwu.edu/admissions/applying/denver-ce>) campuses should refer to these catalogs for admissions information.

### Graduate

#### How to Apply

Students are encouraged to apply online (<http://admissions.jwu.edu/apply>) for quicker processing. Paper applications are also accepted. For either method, no application fee is required.

To submit your application on paper, you may request an application to be mailed to you by contacting the Johnson & Wales Admissions office noted below.

Completed paper applications should be mailed to the following campus addresses:

#### Providence Campus

Graduate Admissions  
Johnson & Wales University  
8 Abbott Park Place  
Providence, RI 02903

#### Denver Campus

Graduate Admissions  
Johnson & Wales University  
7150 Montview Boulevard  
Denver, CO 80220

Graduate programs are available at the Providence and Denver campuses only.

Be sure to complete your application in full. For U.S. students, eligibility for federal aid is determined through the Free Application for Federal Student Aid (FAFSA).

Applicants for the **Physician Assistant** program must apply through the Central Application Service for Physician Assistants (CASPA) application. By submitting a CASPA application, the applicant certifies to Johnson & Wales University that all information in their application and supporting documentation is true, correct, and complete. *Please note that Johnson & Wales University does not retain all application material submitted by the applicant.*

## High School Completion 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: correspondence from an authorized high school administrator, a high school diploma/transcript recognized by the student's state department of education or high school equivalency exam. Additional methods of verification of high school completion exist for home-schooled students (p. 192). 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.

International students should refer to the international (p. 194) section of this catalog for admissions information.

## Admissions Requirements

Please see the appropriate section for information regarding undergraduate and graduate admissions requirements.

### Undergraduate

#### Test Scores

SAT and ACT scores are not required for general admission to the university, but are strongly recommended. The SAT or ACT is required for home-schooled students (p. 192).

Candidates for the university's honors program must submit SAT or ACT scores for acceptance consideration. Admission standards may vary for international (p. 194) and transfer students (p. 191).

### Minimum Grade Requirements

There are certain majors that may have grade point average, course, academic or other requirements. For further information, please contact the admissions office.

### Program Requirements

#### Equine Business Management/Riding

- Students must submit a riding video.

#### Business Studies

- Students must have attained an associate degree or equivalent in any program.

Certain programs of study include technical standards in the academic requirements essential to the program. Students with disabilities should contact the Center for Academic Support for information about the technical standards. See technical (p. 192) standards (p. 192) for descriptions of the applicable technical standards. Copies of the technical standards applicable to various programs are also available from the Center for Academic Support.

For additional admissions requirements please review the other topics listed in the Applying (p. 187) section of this catalog.

#### Graduate

To be considered for admission into any JWU graduate degree program, the following documents must be submitted:

- A completed application (<http://admissions.jwu.edu/apply>) for admission.
- Graduate Studies students must submit official or certified transcripts/mark sheets from all institutions attended including bachelor's degree conferral. 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 will not be allowed to register for the current term or continue enrollment and will be in jeopardy of losing their academic status with the university.**
- A Statement of Purpose: an essay explaining your motivation, aptitude and goals related to graduate-level study.
- Letters of recommendation. The number of letters required varies according to program (see below). Recommendations should be from individuals qualified to attest to the applicant's potential for success at the graduate level of study. A personal reference form (<http://admissions.jwu.edu/uploadedFiles/Content/Documents/JWUGradApplicationPersonalRefForm.pdf>) may be substituted for the recommendation letters.
- Some graduate degree programs have additional admissions requirements. Please refer to the program table below for specific additional requirements.

**Please Note:** All programs listed below are available to qualifying students at our Providence campus. The minimum grade point average (GPA) and additional requirements for each program are noted below.

Students who do not meet the minimum GPA requirements of any graduate business program (excluding 4 + 1) as indicated below may be given consideration for admittance to the program desired if acceptable GMAT/GRE scores are also submitted.

Program Selection	Min GPA	Required Degree	Additional Requirements
MBA PROGRAMS			
MBA - One-Year Program (Summer start only)	3.0	B.S. in Business or a business-related program (e.g., Hospitality)	Two letters of recommendation.

General MBA - MBA with Hospitality concentration or MBA with Accounting concentration	2.85	Bachelor's degree in any major	Two letters of recommendation.
MBA with Information Technology concentration	3.0	B.S. in Information Technology	OR a B.S. degree and five years of information technology experience. Current resume required.

#### MASTER'S PROGRAMS

M.S. in Counseling (Summer start only)	2.85	Any B.S. or B.A. degree with 9 semester credit hours to include course work in psychology and research/statistics	Three letters of recommendation and current resume required. GRE scores or Miller Analogies Test Scores not required, but may be recommended. Interview is also required for admission.
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M.S. in Finance	2.85	Bachelor's degree in Business or a related field	Two letters of recommendation.
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M.S. in Human Resource Management	2.85	Bachelor's degree	Two letters of recommendation.
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M.S. in Physician Assistant Studies	3.0	B.S. or B.A. degree	All applicants must apply through the online application system CASPA (Centralized Application Service for Physician Assistants) before the March 1 deadline. GRE is required. Test of English as a Foreign Language (TOEFL) is necessary if applicant is from a non-English speaking country and/or for whom English is a second language. A minimum of 250 hours of direct patient care in the United States and in an allopathic or osteopathic medical setting is required. Interview is also required for admission.
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#### EDUCATION PROGRAMS

M.A.T. – Master of Arts in Teaching in Culinary Arts Education (noncertified option only)	2.75	Bachelor's degree in any major	Two letters of recommendation; evidence of content knowledge in specific teaching field; interview required; criminal background check.
M.Ed. – Master of Education in Teaching and Learning	2.75	Bachelor's degree in any major	Two letters of recommendation; documentation of employment in a pre-K-16 teaching situation; current resume required.
Ed.D. in Educational Leadership (Fall start only)	3.25	Master's degree in an appropriate field from an accredited institution	Three letters of recommendation, official test scores (GRE or comparable exam approved by program director), current resume, and interview with faculty.

#### 4+1 PROGRAMS FOR CURRENT JWU UNDERGRADUATES

4+1 B.S./MBA	3.0	B.S. in Business or a business-related program (e.g., Hospitality)	Senior status (full-time day school student); grade of C or better in undergraduate equivalents of the following graduate foundation courses: FISV5000 Corporate Financial Accounting (Level II) and ECON5000 (microeconomics or macroeconomics).
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Mail completed documents to

#### Providence Campus

Graduate Admissions  
Johnson & Wales University  
8 Abbott Park Place  
Providence, RI 02903

Transcripts and test scores must be originals, official, or certified true copies. Official transcripts must be from an accredited institution and submitted in a sealed envelope with the appropriate seal or signature. Certified copies of transcripts from the school are acceptable.

Letters of recommendation and statement of purpose are not considered original documents and therefore may be emailed (pvdgrad@admissions.jwu.edu) or faxed to 401-598-1286.

**International students, please review the International Admissions Requirements (p. 194) for the MBA/M.S. programs (Providence Campus only).**

#### MBA/M.S. Programs

To be considered for acceptance into the program, applicants must possess a bachelor's degree along with the minimum GPA and additional requirements.

For International Graduate Admissions Requirements (Providence Campus only), please refer to the International Admissions (p. 195) area of this catalog.

#### 4+1 Programs for Current JWU Students

Through the 4+1 program, you can take up to three free graduate-level courses during your senior year, then continue on to complete your master's degree.

Prior to being considered for admission into a JWU 4+1 program, the following must be submitted:

1. A completed application for graduate admission.
2. A Statement of Purpose: an essay explaining your motivation, aptitude and goals related to graduate level study.
3. 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. A personal reference form may be substituted for the recommendation letters.

#### Ed.D. Program

To be considered for acceptance into the program, applicants must possess a bachelor's degree along with the minimum GPA and additional requirements.

#### Program Requirements

To satisfy program requirements, each student must successfully

1. complete 60 credit hours (48 hours of course work 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 three years of matriculation; 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.

In addition, students must have a computer that connects through a high-speed Internet connection. A hybrid method of teaching is utilized in the program that includes characteristics of both synchronous and 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 and receiving formal approval of the dissertation proposal.

#### Pre-MBA Program

The Pre-MBA 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 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-MBA schedule of undergraduate courses, to equate their education to a four-year U.S. bachelor's degree while fulfilling MBA program prerequisites.

Students who successfully complete the Pre-MBA program with a GPA of 3.0 on a scale of 4.0 will enroll directly into their selected MBA program.

#### Eligibility

The Pre-MBA program is offered only at the Providence Campus.

Applicants to the Pre-MBA program must hold a three-year bachelor's degree from a recognized institution.

Candidates must successfully complete the English as a Second Language program if they do not submit a passing score on the language proficiency test as stated under the English Proficiency Requirement (p. 195).

#### Application Procedure

Please refer to the International Graduate Admissions Requirements (p. 195). Please note: Students accepted to the Pre-MBA program cannot



transfer to the MBA program without first completing **all Pre-MBA** program requirements.

### Scholarships

Students who successfully complete the Pre-MBA program with the required minimum 3.0 GPA needed to enter the MBA program will receive a nonrenewable \$2,000 MBA scholarship awarded over the length of the program.

### 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 College of Management and the College Arts & Sciences.

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-MBA students will be done through Student Academic Services in the Student Services Center, located on the Downcity Campus.

### Center for Physician Assistant Studies

#### Accreditation Provisional Statement

The ARC-PA has granted **Accreditation-Provisional** status to the Physician Assistant Studies Program sponsored by Johnson & Wales University.

Accreditation-Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA *Standards* or when a program holding Accreditation-Provisional status appears to demonstrate continued progress in complying with the *Standards* as it prepares for the graduation of the first class (cohort) of students.

Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class.

#### Prerequisite Courses

Completion of the minimum prerequisite courses does not necessarily guarantee an interview or admission. Courses in advanced physiology, pathophysiology, microbiology, immunology, genetics, statistics, organic chemistry and biochemistry are highly recommended.

Prerequisites may be in-progress or planned at the time of application, but must be completed by December prior to the June entry term. Bachelor's degree must be completed prior to June matriculation. Any in-progress or planned coursework will be requested as part of the application process. Acceptance will be conditional upon successful completion of prerequisites.

Review of an application may be delayed if the number of completed prerequisites is determined to be too few upon which to make a determination.

**All prerequisite courses must be completed with a grade of C or better.**

- Biology, human or mammalian preferred, with labs (8 credits)
- Chemistry, organic and biochemistry preferred, with labs (8 credits)
- Anatomy & Physiology, human preferred, with labs (8 credits)
  - A&P prerequisite must have been completed within 7 years prior to matriculation (taken summer 2008 or more recently for June 2015 matriculation)
  - Prerequisite must include all body systems and be a full-year (two semester sequence) or the equivalent, consisting of either 4 credits of anatomy with lab and 4 credits of physiology with lab OR 8 credits of A&P I and II (both with lab).
- Courses devoted entirely to the study of the human species are preferred. Courses devoted to animal physiology, exercise physiology and/or comparative anatomy are not preferred.
- Math, college algebra or equivalent (3 credits)
- Psychology/sociology/behavioral science, psychology preferred (6 credits)
- English (6 credits). Medical Terminology course will not fulfill the English requirement.

## Academic and Experiential Requirements

### Academic Requirements

- A Bachelor's degree from a regionally accredited United States institution(s) at time of application or prior to matriculation.
- All prerequisite courses (<https://www.jwu.edu/content.aspx?id=17179869209>) must have been completed at a regionally accredited United States institution.
- The following academic criteria must be met: minimum overall cumulative GPA of 3.0, and a minimum GPA of 3.0 in all completed biology, chemistry and physics courses.
- The Graduate Record Examination (GRE) is required, and preferably taken since June 2005. JWU's designation code is 0468. An official record of that examination must be added to your application through CASPA. Preferred GRE scores are in the 50th percentile or better.
- Transfer credits are not awarded to students.
- There is no advanced placement.
- No credit will be awarded to students for work experience.
- Technical standards (<https://www.jwu.edu/content.aspx?id=965658>) are required attributes necessary for entrance into, continuation within and graduation from the Physician Assistant program at Johnson & Wales University. In addition, you may also be required to meet the technical standards of the facility or facilities providing clinical education in connection with the program. Accepted students must sign a technical standards form and program agreement after acceptance and prior to matriculation into the program.

### Experiential Requirements

- A minimum of 250 hours of direct patient care in the United States and in an allopathic or osteopathic medical setting. Learn more about the preferred types of direct experience (<https://www.jwu.edu/content.aspx?id=17179869208>).
- To help you gain a clear understanding of the PA's role on the medical team, we ask that you observe (or "shadow") a PA in the field. Shadowing of PAs in more than one practice type is preferred. You will be asked to record your experiences as part of the application process through CASPA; please note that they do not count toward direct patient care hours.
- Computer experience is essential, as a significant portion of curricular material, assignments, evaluations and other materials will be exchanged using e-technology.

## Admissions Decision

Please see the appropriate section for information regarding undergraduate and graduate admissions decisions.

### Undergraduate

The rolling admissions policy of the university makes it possible to notify students of the admissions decision, of their acceptance or of any additional conditions necessary for admission, soon after all of their academic records have been received and reviewed.

The \$300 reservation fee (\$500 for Equine Business Management/Riding students) is payable upon acceptance to the university. The university observes the May 1 reservation fee deadline and encourages students to research all schools before placing a reservation fee. Reservation fees received after May 1, 2015 will be accepted on the basis of space availability. Reservation fees received prior to May 1, 2015 are refundable. The student's account must be cleared by Student Financial Services by the July 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.

Requests for refunds of the reservation fee will be granted upon written request to the university prior to May 1, 2015. After May 1, 2015 the reservation fee of \$300 (or \$150 of such fee in the case of applicants to the North Miami Campus) is nonrefundable.

The university may revoke any student's acceptance or enrollment if any information or documentation provided by the student is false or incomplete, 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 high standards of the university.

## Graduate

The rolling admissions policy of the university makes it possible to notify students of the admissions decision, of their acceptance or of any additional conditions necessary for admission, soon after all of their academic records have been received and reviewed.

The \$100 reservation fee is payable upon acceptance to the university. Doctoral and Pre-MBA students must submit a \$300 reservation fee. These fees are credited to students' initial billings.

Physician Assistant students: After an offer of acceptance is made by JWU, the applicant will have four weeks to accept or decline the offer. Once an applicant accepts an offer a nonrefundable \$1000 tuition deposit must be paid. This deposit will hold the applicant's place in the class. The total deposit will be applied to the cost of tuition once the student matriculates. Prior to matriculation, the applicant must fulfill specific requirements (<http://www.jwu.edu/content.aspx?id=17179869212>).

Deposits are transferable with a change in enrollment date. The university may revoke any student's acceptance or enrollment if any information or documentation provided by the student is false or 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 high standards of the university.

## Deferred Enrollment

Please see the appropriate section for information regarding deferred enrollment.

### Undergraduate

Johnson & Wales offers a two-year deferred enrollment to students who have applied and been accepted to the university but, for various reasons, wish to postpone their enrollment. Johnson & Wales University retains student application material and will honor the admissions decision for up to two years; after that time frame, the applicant will need to submit a new application and transcript for review. Reservation fees will remain effective during the deferment period. Merit scholarships awarded through the application process will be honored for up to two years from the time of initial acceptance. Federal student aid is awarded annually; a student must reapply for federal funds through the Free Application for Federal Student Aid (<https://fafsa.ed.gov>) (FAFSA).

### Graduate

Johnson & Wales University retains student application material for up to two years. An admissions decision will be honored for up to two years from the date of acceptance; after that time frame, the applicant will need to submit a new application and transcript for review. Reservation fees will remain effective during the deferment period. For Physician Assistant students, an acceptance is only applicable for the term originally accepted. To apply for another term, applicants must reapply through the Central Application Service for Physician Assistants (CASPA) application.

Students wishing to change their selected date of enrollment should forward a request to Graduate Admissions stating the term in which they wish to enroll. International applicants must submit an updated bank statement demonstrating financial support. Please note that some programs start only once each year. Federal student aid is awarded annually; a student must reapply for federal funds through the Free Application for Federal Student Aid (<https://fafsa.ed.gov>) (FAFSA).

## Advanced Placement Credit

Students entering Johnson & Wales University with an Advanced Placement test score of 3 or greater will be granted 4.5 quarter credits for the equivalent JWU course. Students must submit an official AP Grade Report from the College Board Advanced Placement Program. For more information about AP credit, contact University Testing & Transfer.

The Physician Assistant program does not accept CLEP or Advanced Placement (AP) credits to fulfill prerequisite courses. Admissions we will consider AP credits for one of the English course prerequisites on a case-by-case basis.

## Transfer Credit

Course work completed at institutions recognized by a U.S. Department of Education accrediting agency or international Ministry of Education is eligible for transfer credit; however, transfer credit is not guaranteed.

Please see the appropriate section for detailed transfer credit policies.

### Undergraduate

Course work completed at institutions recognized by a U.S. Department of Education accrediting agency or international Ministry of Education is eligible for transfer credit; however, transfer credit is not guaranteed.

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 residency requirement (p. 183) for their intended degree.

JWU has a number of articulation agreements (<https://www.jwu.edu/content.aspx?id=53299>) and transfer credit equivalencies in place that facilitate student transfer to Johnson & Wales University. The university works closely with all colleges who wish to articulate with JWU and continuously works to develop new partnerships. The Transfer Evaluation System ([https://tes.collegesource.com/view/tes\\_view01.asp?rid=%7B145040A7-7365-4840-8A90-B20C0B6FFB26%7D&aid=%7B5C721B0F-0E7E-4E91-9399-06A81322B340%7D](https://tes.collegesource.com/view/tes_view01.asp?rid=%7B145040A7-7365-4840-8A90-B20C0B6FFB26%7D&aid=%7B5C721B0F-0E7E-4E91-9399-06A81322B340%7D)) provides students with information on the courses (domestic institutions only) that have previously been evaluated and accepted at Johnson & Wales University.

Transfer applicants 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 another college to have their updated official transcripts sent to Johnson & Wales University as soon as final grades become available and no later than the first term of enrollment.

Transcripts must be in English; students are responsible for providing official word-for-word English translations, if needed. The student must also have earned a grade of C or better (2.00 GPA), and courses must be similar in level, content and duration to JWU courses in the student's intended program of study. Grades of "pass" are also acceptable for transfer if credit was awarded (and a grade of "P" has the numeric GPA value of 2.00 or greater). Credits earned in developmental and remedial courses or CEUs (continuing education units) are nontransferable. In some cases, official course descriptions or syllabi will be required for evaluation.

Accepted students will be sent a copy of their degree audit showing the credit accepted toward their program of study. Students wishing to review transfer credits must contact a transfer student advisor in Student Academic & Financial Services (for domestic institution transcripts) or International Admissions (for international institution transcripts).

The university reserves the right to substitute courses at the discretion of the department chairs, directors or deans.

### Graduate

Master's degree applicants with graduate-level course work taken at approved colleges and universities will be evaluated for possible transfer credit. 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.

Applicants 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 another college to have their updated official transcripts sent to Johnson & Wales University as soon as final grades become available and no later than the first term of enrollment.

Transcripts must be in English; students are responsible for providing official word-for-word English translations, if needed. The student must also have earned a grade of B or better (3.00 GPA), and courses must be similar in level, content and duration to JWU courses in the student's intended program of study. In some cases, official course descriptions or syllabi will be required for evaluation. Courses will be approved by the dean.

A maximum of 20% of the program's credits can be awarded as transfer credit for courses completed with a grade of B or better (3.00 GPA) at another

institution accredited by an accrediting agency recognized by the U.S. Department of Education or International Ministry of Education.

Accepted students will be sent a copy of their degree audit showing the credit accepted toward their program of study. Students wishing to review transfer credits must contact a transfer student advisor in Student Academic & Financial Services (for domestic institution transcripts) or International Admissions (for international institution transcripts).

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 undergraduate classes required for students who need to prepare for graduate study. For possible exemption from prerequisite courses, candidates must ensure all official college and university transcripts are submitted prior to enrolling at JWU. In some cases, official course descriptions or syllabi will be required for evaluation. Transcripts must be in English; students are responsible for providing official translations, if needed. Only courses similar in level, content and duration to JWU courses in the student's intended major, and where the student has earned a grade of C or better (2.00 GPA), are eligible for possible exemption. Specific graduate degree program prerequisite requirements are listed in Admissions Requirements (<http://catalog.jwu.edu/admissions/applying/admissionsrequirements/#graduatetext>).

Foundation courses are graduate-level courses that may be required of some students whose previous academic background does not reflect the course content described. For possible exemption from foundation courses, candidates must ensure all official college and university transcripts are submitted prior to enrolling at JWU. In some cases, official course descriptions or syllabi will be required for evaluation. Transcripts must be in English; students are responsible for providing official translations, if needed. Only courses similar in level, content and duration to JWU courses in the student's intended major, and where the student has earned a grade of B or better (3.00 GPA), are eligible for possible exemption. Specific graduate degree program foundation requirements are listed in Admissions Requirements (<http://catalog.jwu.edu/admissions/applying/admissionsrequirements/#graduatetext>).

Students will be sent a copy of their degree audit reflecting any foundation requirements towards their program of study. Students wishing to review credits for foundation courses must contact a transfer student advisor in Student Academic & Financial Services (for domestic institution transcripts) or International Admissions (for international institution transcripts).

## Home-Schooled Students

Home-schooled students will be required to provide a high school transcript and a copy of their ACT or SAT test scores. Both the grades on the transcript and the ACT/SAT test scores will be reviewed to determine admissions and scholarship eligibility. Combined SAT scores of 1000 (reading and math, 500 each) or ACT equivalent are required for admittance.

A home-schooled student must be able to document that he or she has completed high school. Verification documents for home-schooled students include at least one of the following:

- a high school diploma 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 from a party acceptable to the university 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.

## Early Enrollment

The Early Enrollment Program gives high school seniors an opportunity to enroll full time in college courses at JWU during their senior year of high school. Students should apply for admission to the Early Enrollment Program during their junior year of high school\*.

The Early Enrollment Program was designed to help students investigate the variety of college and career options available to them. Early Enrollment Program students earn college credits while completing high school graduation requirements.

\* International students on an F-1 visa are not eligible for the Early Enrollment Program.

## Undeclared Program

All students who enroll in the Undeclared Program at Johnson & Wales University's Providence Campus pursue a general studies program for the first two years.\* In addition, they take introductory courses in management and hospitality to help them focus on a career path and choose a major. During the fifth term, they must select a major from a variety of business or hospitality programs.

\* International students must declare a major in order to apply for an F-1 Visa.

## Technical Standards

### College of Culinary Arts

To participate in any program in the College of Culinary Arts, 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, by telephone and email
- 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
- maneuver in commercial kitchens, dining rooms and industry-related facilities
- lift and transport trays of food and beverages, serve and clear guest tables
- use knives, commercial cooking utensils and operate commercial foodservice 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 timeframe

The foregoing technical standards are essential to all programs of instruction in the College of Culinary Arts and also reflect industry requirements and standards.

### School of Hospitality

#### 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, 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, 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 U.S. ADA specifications
- carry out tour guide responsibilities (for example leading groups to access museums & outdoor tourism destinations, hotels, restaurants) at international destinations, which may not meet U.S. ADA specifications
- complete job responsibilities on both day and night shifts

#### **Hotel & Lodging 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, 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 U.S. ADA specifications
- Participate in tours of restaurants, hotels and tourism at international destinations, which may not meet U.S. ADA specifications
- complete job responsibilities on both day and night shifts

#### **Restaurant, Food & Beverage 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, 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, serve and clear guest tables
- use knives, commercial cooking utensils and operate commercial foodservice 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 timeframe

The foregoing technical standards are essential to the programs of instruction in The Hospitality College and also reflect industry requirements and standards.

#### **School of Professional Studies**

##### **Equine Business Management/Riding**

To participate in these programs, each student, with or without reasonable accommodations, must be able to safely and effectively

- wear footwear designed specifically for riding in English tack (the footwear must completely enclose the foot and have at least a ¾ inch heel)
- wear helmets that are ASTM/SEI certified (helmets must have verification that they hold such certification)
- be able to receive, understand and readily respond to audio cues while on horseback
- be able to receive and understand instruction without having to make visual contact with the instructor or take their eyes off the course
- be able to accurately judge the distance between themselves, horses and people in the ring, and obstacles and jumps
- be able to easily mount a horse either with the proper use of an approved mounting block or from the ground without assistance
- be able to properly handle standard grooming equipment, including but not limited to: curry combs, hard & soft brushes, sweat scrapers, mane combs & braiding equipment
- be able to bend over and lift a horse's hoof and hold it long enough to allow proper examination or cleaning of the hoof

- be able to put a halter and bridle on a horse without assistance and lead
- be able to competently ride at walk, trot and canter
- be able to ride at the posting trot for 2 complete revolutions of a 20x60 meter arena
- have the ability to operate horse management equipment such as tractors, trucks and wheelbarrows
- be able to lift, handle and transport tack, feed bags, hay bales and equipment for feeding and watering horses up to 50 pounds for a distance of 50 feet
- be able to move his/her entire body a distance of no less than 3 meters within 3 seconds of a signal to do so
- be able to have sustained contact with horses and work in an environment where dust, hay and grasses are prevalent
- be able to perform all tasks mentioned above either in the saddle or on the ground without losing balance, falling or becoming dizzy, light-headed or faint

The foregoing technical standards are essential to the programs of instruction in Equine Business Management/Riding and also reflect industry requirements and standards.

#### **Center for Physician Assistant Studies**

For a complete list of the Technical Standards for the Center for Physician Assistant Studies, please contact the Director of the Center for Physician Assistant Studies

#### **Military**

Johnson & Wales University is approved for the training of veterans by the state approving agency.

Eligible veterans should contact the Department of Veterans Affairs toll free at 1-888-442-4551 or online (<http://www.gibill.va.gov>).

JWU students enrolled at the Providence Campus are eligible to participate in the Army ROTC program at Providence College, subject to eligibility requirements. Scholarship opportunities are available through this program. For more information, contact the professor of military science at Providence College at 401-865-2471. Military science course offerings are listed below. For information regarding when and how JWU credit may be obtained for such courses, contact Student Academic & Financial Services.

##### **Military Science Courses (available at Providence College)**

The following military science courses are 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. Further information is available from the professor of military science at Providence College at 401-865-2471. For information regarding when and how JWU credit may be obtained for such courses, please contact Student Academic & Financial Services.

##### **MIL 101 - Leadership and Personal Development with Lab**

1 semester, 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.

##### **MIL 102 - Introduction to Tactical Leadership with Lab**

1 semester, 3 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.

##### **MIL 201 - Foundations of Leadership I with Lab**

1 semester, 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.

### **MIL 202 - American Military History**

1 semester, 3 Credits

Using lecture and small group discussions, this course is a survey of the American military experience from the Colonial wars to Desert Storm. The instruction analyzes the policies, strategies, and tactics of three centuries of military history. These events are analyzed using the conventional discipline of historical methodology and the classical norms of the principles of warfare. Same as HIS 202.

### **MIL 203 - Foundations of Leadership II with Lab**

1 semester, 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.

### **MIL 301 - Adaptive Team Leadership with Lab**

1 semester, 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.

### **MIL 302 - Applied Team Leadership with Lab**

1 semester, 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.

### **MIL 401 - Adaptive Leadership with Lab**

1 semester, 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.

### **MIL 402 - Leadership in a Complex World with Lab**

1 semester, 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.

## **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.

While not required for all programs of study, students are encouraged to submit employment information, resume/CV and letters of recommendation for admissions consideration.

Undergraduate

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. To expedite the admissions process, applicants must enclose OFFICIAL or CERTIFIED documents from the institution or authorizing body when submitting an application. Photocopies, fax copies, U.S. notary copies, scanned or emailed documents are not valid. Note: Currently the university is not accepting applications for online degree programs from international students.

These international applicants must submit the following:

1. An accurate, complete and legible international application form that has been signed and dated by the applicant. All schools attended must be listed, with dates of attendance.
2. 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.
3. Completed financial declaration (<http://admissions.jwu.edu/uploadedFiles/Content/Documents/JWUIntlUgradDeclarationFinancialSupportUNIV.pdf>) signed by both the applicant and the sponsor
4. English Language Proficiency test results (See English Language Proficiency (p. 195) and English Proficiency Requirements (p. 195))
5. 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.
6. Applicants who have attended any college or university must submit transcripts, marks sheets, diplomas or certificates from all post-secondary institutions attended, along with course descriptions and credit values for transfer review.
7. Copy of biographical section of applicant's current passport.
8. Certified word-for-word translations of all non-English credentials must be submitted.

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 campus where you intend to enroll:

PROVIDENCE CAMPUS  
Johnson & Wales University  
International Admissions  
8 Abbott Park Place  
Providence, RI 02903 USA  
Telephone: 401-598-1074  
Fax: 401-598-4641  
Email: [jwuint@admissions.jwu.edu](mailto:jwuint@admissions.jwu.edu)

NORTH MIAMI CAMPUS  
Johnson & Wales University  
International Admissions  
1701 NE 127th Street  
North Miami, FL 33181 USA  
Telephone: 305-892-7000  
Fax: 305-892-7020

DENVER CAMPUS  
Johnson & Wales University  
International Admissions  
7150 Montview Boulevard  
Denver, CO 80220 USA  
Telephone: 303-256-9300  
Fax: 303-256-9333

CHARLOTTE CAMPUS  
Johnson & Wales University  
International Admissions  
801 West Trade Street  
Charlotte, NC 28202 USA  
Telephone: 980-598-1107



## Graduate

Graduate programs are available to international students at our Providence Campus 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. International Graduate Studies students must submit official or certified transcripts/mark sheets from all institutions attended and diploma showing bachelor’s degree conferral. **Without such verification, students will not be allowed to register for the current term 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. Photocopies, fax copies, U.S. Notary copies, scanned or emailed documents are not valid. Note: Currently the university is not accepting applications for online degree programs from international students.

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. 195) for scores required for admission.

The following documents are not required for admission to the University, but are mandatory for immigration purposes. An I-20 will not be issued until these documents have been received:

1. Declaration of Financial Support (<http://admissions.jwu.edu/uploadedFiles/Content/Documents/JWUGradInternationalFinancialSupportPVD.pdf>) signed by both the applicant and the sponsor.
2. 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 issued. The amount required may vary according to the academic program of admission.
3. Copy of the biographical section of your current passport

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:

## PROVIDENCE CAMPUS

Johnson & Wales University

Graduate Admissions

8 Abbott Park Place

Providence, RI 02903 USA

Telephone: +1-401-598-1015 or 1-800-342-5598

Fax: +1-401-598-1286

Email: [pvdgrad@admissions.jwu.edu](mailto:pvdgrad@admissions.jwu.edu)

## Form I-20/Visa

## Initial Form I-20

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 students have been accepted and have submitted evidence of financial support. International students must register for the term for which admission is offered and must maintain full-time status during the academic year.

Students are admitted to the United States to attend the school that issued their I-20 form. Using an initial attendance 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.

## 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 foreign student advisor at the institution last attended) prior to receiving a Form I-20.

## English Language Proficiency

Applicants whose primary language is not English must provide proof of English proficiency. 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.

Johnson & Wales University’s English as a Second Language (ESL) program allows students to focus on the areas where they need the most improvement. Some advanced-level ESL students may take a regular undergraduate degree class in place of an ESL class that has been exempted because of proficiency in a particular area. This flexibility provides students with the most efficient transition into college.

English Language Placement testing for new ESL students will be given before the beginning of each term. JWU uses the students’ scores from this testing to place students into the appropriate level of ESL.

## English Proficiency Requirements

Johnson & Wales University recognizes a number of examinations as proof of English proficiency (p. 195). Acceptable proof of English proficiency may include one of the following comparable English proficiency examinations:

Examination	Score
PTE Academic (Pearson Test of English)	53
IELTS (International English Language Testing System, Cambridge)	6.5
TOEFL iBT (Test of English as Foreign Language internet, ETS)	80
TOEFL PPT (Test of English as Foreign Language paper, ETS)	550
ELS Level 112 Certificate of Completion and Academic Report	Transcript
City & Guilds Pitman ESOL Examinations	Higher Intermediate or Expert Level
CAE (Certificate in Advanced English, Edexcel)	C1 or C2 Level
LTE (The London Tests of English)	Level 4 (Advanced)
MELAB (Michigan English Language Battery)	77
SAT Critical Reading and Writing	Section scores of 450 in each
ACT English/Writing	Combined score of 19
ACT English and Reading	Section scores of 19 in each
S.T.E.P. Eiken (Society for Testing English Proficiency)	Grade 1

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.

To meet English proficiency requirements, all English language examination results must be submitted on an official test transcript 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.

Students may be exempted from individual ESL classes based on their individual test section scores. Individual section scores and total scores must also meet minimum score requirements; 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.

## 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 and diploma or official examination results. Transfer students must submit official high school transcripts/diploma as well as official final transcripts from previous colleges/universities attended. International Graduate Studies students must submit official transcripts/mark sheets from all institutions attended and diploma showing bachelor's degree conferral. **Without such verification, students will not be allowed to register for the current term 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

Course work completed at institutions recognized by a U.S. Department of Education accrediting agency or international Ministry of Education is eligible for transfer credit; however, transfer credit is not guaranteed.

Please see the appropriate section for detailed transfer credit policies.

### Undergraduate

Course work completed at institutions recognized by a U.S. Department of Education accrediting agency or international Ministry of Education is eligible for transfer credit; however, transfer credit is not guaranteed.

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 residency requirement (p. 183) for their intended degree.

JWU has a number of articulation agreements (<https://www.jwu.edu/content.aspx?id=53299>) and transfer credit equivalencies in place that facilitate student transfer to Johnson & Wales University. The university works closely with all colleges who wish to articulate with JWU and continuously works to develop new partnerships. The Transfer Evaluation System ([https://tes.collegesource.com/view/tes\\_view01.asp?rid=%7B145040A7-7365-4840-8A90-B20C0B6FFB26%7D&aid=%7B5C721B0F-0E7E-4E91-9399-06A81322B340%7D](https://tes.collegesource.com/view/tes_view01.asp?rid=%7B145040A7-7365-4840-8A90-B20C0B6FFB26%7D&aid=%7B5C721B0F-0E7E-4E91-9399-06A81322B340%7D)) provides students with information on the courses (domestic institutions only) that have previously been evaluated and accepted at Johnson & Wales University.

Transfer applicants 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 another college to have their updated official transcripts sent to Johnson & Wales University as soon as final grades become available and no later than the first term of enrollment.

Transcripts must be in English; students are responsible for providing official word-for-word English translations, if needed. The student must also have earned a grade of C or better (2.00 GPA), and courses must be similar in level, content and duration to JWU courses in the student's intended program of study. Grades of "pass" are also acceptable for transfer if credit was awarded (and a grade of "P" has the numeric GPA value of 2.00 or greater). Credits earned in developmental and remedial courses or CEUs (continuing education units) are nontransferable. In some cases, official course descriptions or syllabi will be required for evaluation.

Accepted students will be sent a copy of their degree audit showing the credit accepted toward their program of study. Students wishing to review transfer credits must contact a transfer student advisor in Student Academic & Financial Services (for domestic institution transcripts) or International Admissions (for international institution transcripts).

The university reserves the right to substitute courses at the discretion of the department chairs, directors or deans.

### Graduate

Master's degree applicants with graduate-level course work taken at approved colleges and universities will be evaluated for possible transfer credit. 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.

Applicants 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 another

college to have their updated official transcripts sent to Johnson & Wales University as soon as final grades become available and no later than the first term of enrollment.

Transcripts must be in English; students are responsible for providing official word-for-word English translations, if needed. The student must also have earned a grade of B or better (3.00 GPA), and courses must be similar in level, content and duration to JWU courses in the student's intended program of study. In some cases, official course descriptions or syllabi will be required for evaluation. Courses will be approved by the dean.

A maximum of 20% of the program's credits can be awarded as transfer credit for courses completed with a grade of B or better (3.00 GPA) at another institution accredited by an accrediting agency recognized by the U.S. Department of Education or International Ministry of Education.

Accepted students will be sent a copy of their degree audit showing the credit accepted toward their program of study. Students wishing to review transfer credits must contact a transfer student advisor in Student Academic & Financial Services (for domestic institution transcripts) or International Admissions (for international institution transcripts).

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 undergraduate classes required for students who need to prepare for graduate study. For possible exemption from prerequisite courses, candidates must ensure all official college and university transcripts are submitted prior to enrolling at JWU. In some cases, official course descriptions or syllabi will be required for evaluation. Transcripts must be in English; students are responsible for providing official translations, if needed. Only courses similar in level, content and duration to JWU courses in the student's intended major, and where the student has earned a grade of C or better (2.00 GPA), are eligible for possible exemption. Specific graduate degree program prerequisite requirements are listed in Admissions Requirements (<http://catalog.jwu.edu/admissions/applying/admissionsrequirements/#graduatetext>).

Foundation courses are graduate-level courses that may be required of some students whose previous academic background does not reflect the course content described. For possible exemption from foundation courses, candidates must ensure all official college and university transcripts are submitted prior to enrolling at JWU. In some cases, official course descriptions or syllabi will be required for evaluation. Transcripts must be in English; students are responsible for providing official translations, if needed. Only courses similar in level, content and duration to JWU courses in the student's intended major, and where the student has earned a grade of B or better (3.00 GPA), are eligible for possible exemption. Specific graduate degree program foundation requirements are listed in Admissions Requirements (<http://catalog.jwu.edu/admissions/applying/admissionsrequirements/#graduatetext>).

Students will be sent a copy of their degree audit reflecting any foundation requirements towards their program of study. Students wishing to review credits for foundation courses must contact a transfer student advisor in Student Academic & Financial Services (for domestic institution transcripts) or International Admissions (for international institution transcripts).

## 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 all majors are not offered at each campus, which may affect articulation agreement eligibility. Contact Admissions at the specific campus for more information. International Articulation Agreements include

- At-Sunrice Global Chef Academy, Singapore
- Barbados Community College, Barbados

- Bermuda College, Bermuda
- College of the Bahamas (COB), Bahamas
- Florence University of the Arts (Apicius), Italy
- Guangzhou University, China
- Higher Hotel Institute, Cyprus (HHIC)
- Holland College, Canada
- Humber College, Canada — Memorandum of Understanding only
- Hyejeon College, Korea
- Imperial Hotel Management College, Canada
- Kolej Damansara Utama (KDU), Malaysia
- Kimpo College, Korea
- Les Roches, Switzerland
- MSA Istanbul, Turkey
- Nanjing University, China
- Ott College, Argentina
- School of Education & Training at Renmin University of China (HND), China
- SHATEC Institute, Singapore
- Sir Arthur Lewis Community College (SALCC), St. Lucia
- Taylor's University College, Malaysia
- Trinidad & Tobago Hospitality & Tourism Institute (THTI), Trinidad & Tobago
- Turks and Caicos Islands Community College (TCICC), Turks and Caicos Islands
- USCI, Malaysia
- Woosong University, Korea
- Yunnan College of Tourism, China

In addition, JWU recognizes and grants transfer credit exemptions for a number of diplomas and qualifications provided by accredited colleges, universities and educational organizations throughout the world. These include

- Abitur, Germany
- ACT Education Solutions Ltd. — Global Assessment Certificate (GAC)
- Cambridge International Examinations, UK — Advanced/Advanced Subsidiary (A/AS Level), Pre-U Certificate
- Caribbean Examinations Council — Advanced Proficiency Examinations (CAPE)
- Edexcel International — Higher National Diploma, Business & Technology Education Council (HND, BTEC)
- Educational Institute of the American Hotel & Lodging Association (E.I. of AH&LA)
- Failte Ireland, National Tourism Development Authority, Ireland — Certificate in Professional Cookery
- Hotelfachschule, Germany
- Industrie — und Handelskammer (IHK), Germany — Professional Diplomas in Culinary Arts, Hotel Management, Restaurant Management
- International Baccalaureate Organization — International Baccalaureate (IB)
- National Council for Hotel Management and Catering Technology (NCHMCT, formerly IHMCTAN), India — Hotel Management Diploma
- Scottish Qualification Authority (SQA), UK — National Diploma (HND)
- Technical & Vocational Training Corporation (TVTC, formerly Gotevot), Kingdom of Saudi Arabia
- Wiseway Globa East & West, China

NOTE: Currently the university is not accepting applications for online degree programs from international students.

## Placement Testing

Placement tests are used to place students into appropriate mathematics and English classes. Modern language tests (French, German and Spanish) as well as English as a Second Language are also available. See the appropriate section to review specific placement testing requirements.

## Academic Support and Disability Accommodations

Students with a documented disability requiring special accommodations must forward documentation to the Center for Academic Support (p. 210) at least two weeks prior to placement testing to ensure that accommodations can be made. No accommodations will be provided without appropriate documentation 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.

### 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 placement testing if transfer credit has been awarded for the appropriate mathematics and English courses.

The university administers ACCUPLACER mathematics and English placement tests to assess students' skills in these areas. The mathematics test is designed to evaluate skills in relation to those required for college math courses. English placement testing includes a reading comprehension test which evaluates comprehension skills, and a sentence skills test which evaluates writing skills. The ACCUPLACER exams are computer based tests (CBT) developed by College Board.

All of these tests are placement tests - students do not "pass or fail" them and they do not affect admission to the university. They are used to place students in the appropriate courses, based upon their skills.

After acceptance, students will be emailed information about completing 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 7 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. Students will receive a score report immediately following ACCUPLACER administration. Students will also be contacted by an academic counselor in Student Academic & Financial Services a week after they have completed placement testing to discuss their placement and course registration.

Students requesting to retake their placement exam may do so by contacting Student Academic & Financial Services. Students will be allowed one retake 30 days after their initial testing and at no charge.

Visit Testing Services ([http://linkweb.jwu.edu/Registration\\_and\\_Grades/Testing\\_for\\_Credit](http://linkweb.jwu.edu/Registration_and_Grades/Testing_for_Credit)) for additional information.

### Modern Languages

All undergraduate students who have studied more than one year of French, German or Spanish are required to take a placement exam for that language. The placement exam will be scheduled at the beginning of each term. Students whose placement score indicates they have met a particular level of language proficiency will not be allowed to enroll in that language level. Students placing out of a required level of a language will be given the option to apply for the Departmental Challenge Examination to earn these credits (fees apply) or replace these credits with arts and sciences electives.

Visit Testing & Placement dates ([http://linkweb.jwu.edu/Testing\\_Placement\\_Dates](http://linkweb.jwu.edu/Testing_Placement_Dates)) for additional information.

### English as a Second Language (ESL)

Students admitted into the ESL Program are required to complete the Levels of English Proficiency (LOEP) Test to assess their English Language proficiency prior to registering for courses in their intended program of study. This test includes three sections: reading, language usage, and sentence meaning. The placement test will be scheduled at the beginning of each term. The university uses the ACCUPLACER computer-based placement testing system.

Results of the LOEP placement testing 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 can take the Institutional TOEFL Test (ITT) and with a minimum test score of 550, can exit the program and enroll directly in their degree program courses. Students with a test score under 550 on the ITT will have their individual section scores reviewed in the areas of listening, grammar, and reading. Section



scores with a minimum of 550 on the ITT will exempt the student from the corresponding ESL class. Students who do not complete the required LOEP test will automatically be placed into Beginner level ESL courses.

## Learning Assessment

By successfully completing one of the Prior Learning Assessment options (Portfolio Assessment, College Level Examination Program (CLEP) or Departmental Challenge Examinations), students may earn undergraduate course credit for previous academic and/or prior learning experiences.

### Policies for Prior Learning Assessment

1. Students must consult with an academic counselor 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 will be granted.
3. Students may not apply for an assessment as a substitute for a class where a withdrawal (W) grade has been issued. They may not be substituted for a class previously taken or a class in which the student is presently registered.
4. Assessments are for academic credit and carry nonrefundable fee(s).
5. Assessments must fall within the residency requirement (<http://catalog.jwu.edu/handbook/academicinformation/residencyrequirement>) for each degree.
6. The CLEP Exam requires a passing score of 50 or higher for CLEP credit to be awarded.
7. CLEP Exams, if failed, can be repeated in three months.
8. Portfolio Assessment and Challenge Exams cannot be repeated if failed.
9. The university recognizes up to a maximum of 45 undergraduate credits earned through Prior Learning Assessment.
10. Students must present a valid picture ID when testing.

Visit Testing Services ([http://linkweb.jwu.edu/Registration\\_and\\_Grades/Testing\\_for\\_Credit](http://linkweb.jwu.edu/Registration_and_Grades/Testing_for_Credit)) for complete policies, course options, deadlines, examination dates and fees.

In all cases, the academic department determines policy as it relates to the testing options 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 counselor.

## Portfolio Assessment

### (for credit, with fees)

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 counselor to discuss these options as well as have successfully completed ENG1020 English Composition prior to applying for the Portfolio Assessment.

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 one year of the application date. Completed Portfolios will be submitted electronically to the appropriate department designee for review. Students will be notified of outcome once assessment is completed. If a portfolio is denied for credit, students have 10 days upon notification to file a written appeal for review.

Once the seminar is completed, eligible students, in consultation with an academic counselor, may submit additional portfolios.

Visit Testing Services ([http://linkweb.jwu.edu/Registration\\_and\\_Grades/Testing\\_for\\_Credit](http://linkweb.jwu.edu/Registration_and_Grades/Testing_for_Credit)) to review the full testing brochure for policies, course options, deadlines, examination dates and fees.

## College Level Examination Program (CLEP)

### (for credit, with fees)

The College-Level Examination Program (CLEP) is a credit-by-examination program, sponsored by the College Board, that gives students the

opportunity to earn college credit by earning qualifying scores on a variety of exams.

JWU subject equivalencies for each CLEP examination are determined by the respective academic department at the university. The university accepts the American Council on Education (ACE) recommended passing score of 50.

Dependent on their benefits election, some veterans can claim reimbursement for CLEP exams and exam administration fees. For more information, please visit the CLEP for Military webpage (<http://clep.collegeboard.org/military/veterans>).

Visit Testing Services ([http://linkweb.jwu.edu/Registration\\_and\\_Grades/Testing\\_for\\_Credit](http://linkweb.jwu.edu/Registration_and_Grades/Testing_for_Credit)) for complete policies, course options, deadlines, examination dates and fees.

## Departmental Challenge Examination

### (credit by examination: for credit, with fees)

Departmental 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 have acquired the knowledge of a specific JWU course.

Some testing options require specific criteria in order to take tests. Visit Testing Services ([http://linkweb.jwu.edu/Registration\\_and\\_Grades/Testing\\_for\\_Credit](http://linkweb.jwu.edu/Registration_and_Grades/Testing_for_Credit)) for complete policies, course options, deadlines, examination dates and fees.

## Accelerated Programs

Johnson & Wales University offers the following accelerated programs. For more information, contact Admissions at the campus of your choice.

## Culinary Advanced Standing

Prospective students who possess advanced knowledge and skills in food-related areas may apply for the Culinary or Baking & Pastry Advanced Standing Examination after they have been accepted to the university. The results of the examination are considered in addition to academic records and a letter of recommendation from a food-related employer and/or teacher.

It is generally recommended that applicants to this program complete an advanced food service curriculum or have a minimum of two to five years of extensive food service work experience.

Students who are selected for this accelerated program are required to complete a 10-week summer program. Upon successful completion of the summer program, students attain sophomore standing in the fall.

Contact Admissions for further information.

## FAST and College Credit

Johnson & Wales University offers students an opportunity to earn credits toward a JWU degree while they are still in high school. The College of Culinary Arts offers credit to students through the Freshman Advanced Study Tract (FAST) Program. Students may qualify for credit by meeting the following requirements:

- Be enrolled in an approved FAST school program.
- Complete a minimum of two years in an approved commercial foods program.
- Earn a minimum of a B (3.0) grade point average for the commercial foods program.
- Meet all of the requirements for acceptance to Johnson & Wales University.
- Students must successfully pass a three-hour practical exam. (There is a \$300 fee for this exam.)

NOTE: FAST applies only to culinary majors. It is not applicable to baking & pastry majors.

Upon successful completion of the above requirements, qualified applicants may receive a total of nine (9) quarter credits toward their JWU degree. For more information regarding school requirements for the FAST program or the FAST practical exam, contact Admissions.

Students enrolling in programs in other JWU colleges and schools may also be eligible to earn transfer credits through our Credit for College Program. By successfully completing one of the options offered (Challenge, CLEP or

Portfolio Assessment), undergraduate students may earn course credit for previous academic and/or prior learning experiences.

For more information about the FAST or Credit for College programs, contact Admissions.

## International High School Credentials for Transfer

### International Baccalaureate

Johnson & Wales University recognizes the International Baccalaureate Diploma and Certificate Examination. JWU will award 4.5–9.0 quarter credits for standard and higher-level exams with a score of 4 or better as applicable for the intended JWU major. Students must submit an official IBO examination transcript from the International Baccalaureate Organization.

### General Certificate of Education Advanced Level (A-level)

Johnson & Wales University will award up to 12 quarter credits per subject for GCE Advanced Level Examinations (excluding General Paper) passed with grade equivalents of C or better. Up to six quarter 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 U.K. examinations board.

## SHARP

Special Honors and Rewards Program (SHARP) is an honors program designed for qualified full-time undergraduate students in a day program who wish to accelerate their program to complete degree requirements in less than the normally required time. This is accomplished by increasing the student's course load each term as scheduling permits. SHARP results in savings of time and expenses for eligible students. Day program students accepted into SHARP may register for up to 25.0 quarter credits each term with no additional fees. Interested students must complete a SHARP application, returning the completed form to Student Academic & Financial Services. The following students are eligible for SHARP:

1. Incoming freshmen who are honors graduates of approved secondary schools, have been elected to their state or national honor society, or have maintained a minimum GPA of 3.0
2. New transfer students who maintained full-time enrollment at a previous institution and each term earned a cumulative GPA equivalent to Dean's List status for that institution
3. Students who have maintained full-time enrollment at JWU and a cumulative GPA of 3.40 at the end of each term

Note: The only exception to this policy is the first term of enrollment at JWU, during which the cumulative GPA may be less than 3.40.

If a student does not exercise this option, SHARP eligibility may continue provided that the student maintains continuous full-time matriculation while maintaining a cumulative 3.40 GPA after all terms. The benefits provided by SHARP are not applicable during full-time internship terms or for an additional culinary/pastry laboratory class. Preferred scheduling and graduation acceleration are not guaranteed.

Failure to maintain a cumulative GPA of 3.40 or better after each term will cause the student to become permanently ineligible for the benefits provided by SHARP. Student Academic & Financial Services will only notify a student of their withdrawal from the SHARP program via their JWU email account, and it is the student's responsibility to drop extra credits, if registered, to avoid incurring additional charges.

## 4+1 B.S./MBA/M.S. Programs

The five-year B.S. and MBA or M.S. programs allow JWU full-time day seniors to earn a bachelor's degree in their major plus an MBA or an M.S. Depending on when students enter the program, they may complete their master's level study in 12-15 months. Qualified students may enroll in a graduate course each term of their senior year and complete up to three graduate courses (with no additional charge) at Johnson & Wales while completing their bachelor's degree.

4+1 degree programs are offered at the Providence and Denver campuses. Please see the Admissions Requirements (<http://catalog.jwu.edu/admissions/applying/admissionsrequirements/#graduatetext>) section of the catalog for more information.



# Financing Your Education

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.

## Tuition and Fees

The following tuition and fees schedule is effective for the 2015–16 academic year. Tuition and fees are 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 term basis and consists of 12 to 21 quarter credit hours per term. Students carrying more than 21 quarter credit hours will be charged for each quarter credit over 21. When repeating courses already attempted, students may be assessed a fee for those courses. Students are assessed tuition upon course registration each term. Summer is considered a separate term. The quarter credit hour rate is \$541.

Tuition	Fee
Annual Tuition	\$29,226
Orientation Fee	\$350
Student Health Insurance	TBD
Room Only*	
Apt. 1	\$12,534
Apt. 2	\$10,887
Apt. 3	\$9,564
Tier 1	\$8,889
Tier 2 and Cooperative	\$7,950
Tier 3	\$6,990
Meal Plans**	
18 meals per week/\$300 annual flex dollars	\$4,236
14 meals per week/\$600 annual flex dollars	\$4,065

\* **Room Only** is for the academic year and includes residence hall accommodations, but does not include meals. For more information contact Residential Life at 401-598-1141.

\*\* **Meal Plans**, in addition to denoted meals, include pre-determined flex dollars that may be redeemed for supplementary food items at campus facilities, for example, Starbucks and Liberty Market.

### Wildcat Meals

Students may purchase blocks of meals through our Wildcat Meals 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 (<https://jwudining.afford.com>).

All of the 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	\$388
25 meal block	\$194
25 meal block/\$50 flex dollars	\$244
10 meal block	\$78
Meal price paid at the door	\$8

### Reservation Fee and Other Fees

#### Reservation Fee

The \$300 reservation fee is payable upon acceptance to the university. The university observes the May 1 reservation fee/deposit deadline and encourages students to research all schools before placing a reservation fee. Reservation fees received after May 1, 2015 will be accepted on the basis of space availability. Reservation fees received prior to May 1, 2015 are refundable. Students must also have an approved payment plan with Student Academic & Financial Services by July 17, 2015 to guarantee a room assignment. Students who establish an approved payment plan after July 17,

2015 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.

Requests for refunds of the reservation fee will be granted upon written request to the university prior to May 1, 2015. After May 1, 2015 the reservation fee of \$300 (or \$150 of such fee in the case of applicants to the North Miami Campus) is nonrefundable.

#### Orientation Fee

This nonrefundable fee, which is uniformly charged, is required of all new students for orientation and term start activities. It is charged to students who start during the fall, winter or spring term.

#### Medical Health Coverage While Enrolled

All registered undergraduate day students, both domestic and international; all students enrolled in the physician assistant degree program; and all international graduate and doctoral students attending Johnson & Wales University are required to have health insurance coverage that is accepted in the United States. If students have health insurance coverage through other means (i.e., parent's health insurance or an employer program), they do not have to enroll in the Johnson & Wales student health insurance plan. They 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 Health Services (<http://www.jwu.edu/content.aspx?id=10320>) page of the JWU website.

#### Graduate Tuition

The following tuition and fees schedules are effective for the 2015–16 academic year for programs at the Providence and Denver campuses. Tuition and fees are subject to change annually.

Tuition	Fee
MBA Program Providence	\$1,899 per course
Additional Fee Online Providence	\$108 per course
Ed.D. Program	\$4,830 per course
Dissertation Fee	\$1,512 per semester
MBA Program Denver	\$2,007 per course
Student Health Insurance	TBD annually

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.

If a student terminates during

- the first or second week of the term, the university will credit 90 percent of the term charges. If eligible, all institutional aid/scholarships for that term will be adjusted to 10 percent.
- the third or fourth week of the term, the university will credit 50 percent of the term charges. If eligible, all institutional aid/scholarships for that term will be adjusted to 50 percent.
- the fifth or sixth week of the term, the university will credit 25 percent of the term charges. If eligible, all institutional aid/scholarships for that term will be adjusted to 75 percent.

After the sixth week of the term, students will be responsible for 100 percent of the term charges and will receive 100 percent of that term's eligible institutional aid and scholarships.

Examples of university refund policies are available upon request in Student Academic & Financial Services.

#### University Enrollment Dispute

If a student leaves the university due to extenuating circumstances without officially withdrawing, they may submit a university enrollment dispute (<http://www.jwu.edu/forms.aspx?id=55199>) within 30 days after the end of the term in dispute. No withdrawal disputes will be considered after that time. The student 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 and the student will receive notification via an email sent to the email address they provided on the dispute form.

## Extension Students

Tuition rates for extension students are billed based on the number of quarter credit hours scheduled.

## Early Enrollment

Early Enrollment Program (p. 192) tuition is 50 percent of the 2015–16 tuition charge. Early Enrollment Program students are also subject to appropriate university fees, including full room and board charges and student health insurance. Early Enrollment Program students are not eligible for any federal financial aid or institutional need-based aid while enrolled in the program. Early Enrollment Program students should contact Student Academic & 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 \$6,618 tuition per term. The quarter credit hour rate is \$368. This program charge will be applied for each term the student remains in the ESL program. ESL students are not eligible for Johnson & Wales University scholarships or grants.

## Other Fees

### Books and Supplies

The out-of-pocket cost for books and supplies is approximately \$1,500 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 (<http://www.bkstr.com/johnsonwalesstore/home>) or through other venues where available. The bookstores operate a textbook sales/buyback program to help students minimize these costs.

### General Transportation Expenses

The out-of-pocket 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

The out-of-pocket personal expense is approximately \$1,000. These costs are determined annually by the university and are not applied to the student's invoice.

## Payment Options

### Annual Payments

The student may make one payment in full for the entire academic year. Students are responsible for paying all charges in full or making appropriate arrangements by the published due date:

#### July 17, 2015

- New Undergraduate day

#### August 7, 2015

- Returning Undergraduate day
- Graduate Studies
- Continuing Education
- Doctoral
- Physician Assistant Studies

#### August 21, 2015

- Undergraduate International day
- Online

### Term Payments

Students attending a program with terms may make three payments per academic year, and students in a semester program 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 Tuition Management Systems (TMS) (<https://www.afford.com>). 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 TMS and pay the first payment, in addition to the enrollment fee, by the fall published due dates listed above.

All Johnson & Wales University students must fulfill their financial obligations to the university by the published due dates listed above. (All off-term entrants must meet the financial obligation by the published date for that term.)

To meet your financial obligation you must do one of the following by the published due date:

- Make a full term payment.
- Contract with TMS and pay the first monthly payment, as well as the enrollment fee.
- Have an approved loan which covers the annual balance.
- Have an approved payment plan with Student Academic & Financial Services using a combination of the above options.

If you do not fulfill your financial obligation by the published due date, your housing assignment may be removed. In addition, your class schedule for the 2015–16 academic year may also 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 reservation fee for undergraduate students) will be assessed for terms 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. 202). 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 (p. 202) 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 term and who 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 percent of the period of enrollment and earned the grade of F. A student must be engaged in academically related activities beyond 60 percent 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 percent, 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 percent point of the period of enrollment, as applicable. A student who does not earn at least one passing grade during a term 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 term during which the student was enrolled. To submit a dispute, students must complete the appropriate form online (<http://www.jwu.edu/forms.aspx?id=55199&ekfrm=55199>). 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 term 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, will be considered to have withdrawn from the university.

# Refund Policy for Georgia Residents

The following refund policy is applicable to prospective students and students attending Johnson & Wales University who are legal residents of the state of Georgia.

- An accepted applicant will receive a refund of any amount paid to the university with respect to a term if, prior to the commencement of classes for that term, he or she makes a request for a refund to Student Academic & Financial Services within three business days after making the payment.
- A student who provides official notice of withdrawal following the commencement of the academic term will receive a pro rata refund of tuition and fees\* (other than the orientation fee which is used for the purposes of orientation) as follows:

Percent of total class days in the academic term elapsed prior to date of official notice of withdrawal	Refund of tuition and fees
1 day–5%	95%
6–10%	90%
11–25%	75%
26–50%	50%
More than 50%	No refund

- \* In the event that a refund is made under this policy, all institutional aid and scholarships for that term will be adjusted on a pro rata basis based upon the applicable refund. Official notice of withdrawal must be made by a student under this policy in person or by written notification to Student Academic & Financial Services. The date of an official notice of withdrawal is the date that it is received by Student Academic & Financial Services. Refunds are paid to students within 30 days of the official notice of withdrawal.
- In the event that the university Withdrawal Credit Policy is more favorable than this Refund Policy for Georgia and Alabama Residents, the university will refund to the student the greater amount in accordance with the university Withdrawal Credit Policy.

## Notice Regarding Georgia Nonpublic Postsecondary Education Commission (NPEC) Student Complaint Process

Any person or student claiming damage or loss against Johnson & Wales University may file a verified complaint with the executive director of NPEC after going through the university complaints and grievances process. The complaint must contain a detailed description of the claim, including dates, times and full names of all involved. Verification means that the complaint must be signed by the student or person filing the complaint and notarized, and state that the matters set forth in the complaint are true and correct. The complaint shall be investigated by the appropriate Standards Administrator (SA) of NPEC. The SA shall attempt to resolve the complaint between the university and the student. If the complaint cannot be resolved, the SA will issue a decision and inform each party that either has a right to request a hearing in writing before the executive director of NPEC within 10 days of receipt of the SA's decision. The executive director may set a date and time for a hearing which shall be delivered to both parties by certified mail.

## Tuition Refund Policy

Term and semester charges are defined as tuition and, if applicable, room and meals. Students from Georgia can view the refund policy here (p. 202).

Tuition is applicable to all students, including those in approved off-campus programs such as study abroad and internships. Student Health Insurance, Program Fees, Wildcat Meals and Orientation 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 terms and 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. Refunds will be made within 30 days for all non-Title IV students (cash paying) in Florida.

## 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.

If a student terminates during

- the first or second week of the term, the university will credit 90 percent of the term charges. If eligible, all institutional aid/scholarships for that term will be adjusted to 10 percent.
- the third or fourth week of the term, the university will credit 50 percent of the term charges. If eligible, all institutional aid/scholarships for that term will be adjusted to 50 percent.
- the fifth or sixth week of the term, the university will credit 25 percent of the term charges. If eligible, all institutional aid/scholarships for that term will be adjusted to 75 percent.

After the sixth week of the term, students will be responsible for 100 percent of the term charges and will receive 100 percent of that term's eligible institutional aid and scholarships.

Examples of university refund policies are available upon request in Student Academic & Financial Services.

### University Enrollment Dispute

If a student leaves the university due to extenuating circumstances without officially withdrawing, they may submit a university enrollment dispute (<http://www.jwu.edu/forms.aspx?id=55199>) within 30 days after the end of the term in dispute. No withdrawal disputes will be considered after that time. The student 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 and the student will receive notification via an email sent to the email address they provided on the dispute form.

### Withdrawal Policy for Study Abroad Programs

If a student withdraws for any reason, either voluntary or involuntary, prior to June 1 for the fall programs, September 1 for the winter programs, December 1 for the spring programs and March 1 for the summer programs, they may be eligible for a refund on the \$500 deposit (if applicable) and/or a reduction of the program cost charged to the student's account. A written withdrawal letter or email is required and must be sent to the Study Abroad office. This letter must be written and signed by the student. A telephone call will not be sufficient. The date on which your letter is received will be the formal date of withdrawal.

The \$500 study abroad deposit is nonrefundable as of June 1 for fall programs, September 1 for winter programs, December 1 for spring programs and March 1 for summer programs.

If a student withdraws after the dates listed above, the student will also be charged for a portion of the program cost. The amount charged (in addition to the \$500 deposit) is based on the date of withdrawal as well as the program start date. Please refer to the Withdrawal/Fee chart below for exact amounts.

If you withdraw after the deposit is non-refundable:	The late withdrawal penalty is:
60+ days before program start date	Deposit + \$500
30-59 days before program start date	Deposit + \$1,000
15-29 days before program start date	Deposit + \$2,500
1-14 days before program start date	Deposit + \$3,500
After program start date	Deposit + Balance of full program

## 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.

## Providence and Online

- phone: 1-800-343-2565 or 401-598-1468
- email (sfs.pvd@jwu.edu)

## North Miami

- phone: 1-866-598-3567
- email (sfs.mia@jwu.edu)

## Denver

- phone: 1-877-598-3368
- email (sfs.den@jwu.edu)

## Charlotte

- phone: 1-866-598-2427
- email (sfs.clt@jwu.edu)

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 awards scholarships based on academic merit. International students can contact the EducationUSA (<http://www.educationusa.info>) advising center in their country to learn more about opportunities for financial assistance.

## Financial Aid

To assist students in meeting their educational expenses, the federal government offers grants and low-interest loans. Financial aid is awarded on an annual basis and is disbursed in three equal installments (fall/winter/spring). Students interested in financial aid for summer enrollment should contact Student Financial Services on their campus.

### Undergraduate Financial Aid Programs

Grants and loans are financial aid resources available to students. Students may receive assistance from one or both of these funds. Student eligibility for these programs is based on completion and submission of the Free Application for Federal Student Aid (<https://fafsa.ed.gov>) (FAFSA) as described in the How to Apply (p. 203) section. Since awards are not automatically renewable, students must reapply each year. All financial aid awards are determined based on an academic year (fall/winter/spring terms). Financial aid awards and federal loan programs are disbursed based on this term system, which typically equates to three disbursements. All annual awards are posted in three equal amounts, or in some cases fewer, based on the student's entrance date.

### Graduate Financial Aid Programs

Federal financial aid programs are available to U.S. citizens or eligible non-citizens. Students may receive assistance from loans, limited institutional aid and/or work programs. If eligible for any one of these, or a combination of both, it is referred to as the financial aid package. Student eligibility for these programs is based on completion and submission of the Free Application for Federal Student Aid (<https://fafsa.ed.gov>) (FAFSA) as described in the How to Apply (p. 203) section. Since awards are not automatically renewable, students must reapply each year. All financial aid awards are determined based on an academic year (fall/winter/spring terms). Financial aid awards and federal loan programs are disbursed based on this term system, which typically equates to three disbursements. All annual awards are posted in three equal amounts, or in some cases fewer, based on the student's entrance date.

For more information call 1-800-343-2565 or 401-598-1468.

## How to Apply

Please see the appropriate section for information regarding how to apply for financial aid.

### Undergraduate

To be considered for financial assistance, complete the steps listed below.

#### 1. Personal Identification Number (PIN)

Students and their parents can apply online for a PIN (<http://www.pin.ed.gov>). The PIN allows students and parents to sign the FAFSA electronically and to correct previously processed FAFSA information online. Both the student and at least one parent must apply for a PIN.

## 2. Free Application for Federal Student Aid (FAFSA)

The Free Application for Federal Student Aid (<http://www.fafsa.ed.gov>) is available online. This form must be completed as soon as possible after January 1.

The information for financial assistance is then processed by the federal processor and sent to Student Academic & Financial Services at the university. The FAFSA code for JWU is 003404.

## 3. Independent Students

To be considered independent for financial aid purposes for the 2015-2016 academic year, students must answer "Yes" to one of the following questions:

1. Were you born before January 1, 1992?
2. As of today, are you married? (Answer yes if you are separated, but not divorced.)
3. At the beginning of the 2015–2016 school year, will you be working on a master's or doctorate program (such as an M.A., MBA, M.D., J.D., Ph.D., Ed.D. or graduate certificate, etc.)?
4. Are you currently serving on active duty in the U.S. Armed Forces for purposes other than training?
5. Are you a veteran of the U.S. Armed Forces?
6. Do you have or will you have children who will receive more than half of their support from you between July 1, 2015 and June 30, 2016?
7. Do you have dependents (other than your children or spouse) who live with you and who receive more than half of their support from you, now and through June 30, 2016?
8. At any time since you turned 13, were both your parents deceased, were you in foster care or were you a dependent/ward of the court?
9. As determined by a court in your state of legal residence, are you or were you an emancipated minor?
10. As determined by a court in your state of legal residence, are you or were you in legal guardianship?
11. At any time on or after July 1, 2014, were you determined to be an accompanied youth who was homeless or were self-supporting and at risk of being homeless, as determined by a.) your high school or district homeless liaison, b.) the director of an emergency shelter or transitional housing program funded by the U.S. Department of Housing and Urban Development, or c.) the director of a runaway or homeless youth basic center or transitional living program?\*

\*If you do not have a determination that you are homeless, but you believe you are an unaccompanied youth who is homeless or self-supporting and at risk of being homeless, answer "No" to the FAFSA questions concerning being homeless. Then contact your financial aid office to explain your situation.

Students who cannot answer "Yes" to one of the above questions are considered dependent and must complete their FAFSA as a dependent student by providing both parent and student information. Please feel free to contact Student Academic & Financial Services with any questions.

## 4. Verification and Other Documentation

Student Academic & Financial Services may request additional documentation to verify information provided on the FAFSA (i.e., verification worksheet and untaxed income worksheet). The student and his/her parents may be required to submit signed and dated copies of their Tax Return Transcript. The transcript can be obtained online (<http://www.irs.gov/Individuals/Get-Transcript>) or by calling your local IRS office. The student's financial aid package will not be complete until all requested documentation has been received and reviewed by Financial Aid. In addition, all student loan borrowers must attend an entrance and exit counseling session during which the student will be advised on his/her loan obligations.

## Student Eligibility Requirements

To be eligible for financial aid, 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.
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 a Statement of Educational Purpose, a Statement of Registration Status, and a Statement on Overpayments and Defaults.
6. For most programs, must demonstrate financial need.

Students are eligible to receive financial aid as long as they maintain academic standing standards (p. 179) as defined in this catalog. Students who fail to maintain satisfactory academic progress will be notified by Student Academic & Financial Services.

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, the number of siblings in college, 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.

#### Graduate

To be considered for financial assistance, complete the steps listed below.

##### 1. Personal Identification Number (PIN)

Students and their parents can apply online for a PIN (<http://www.pin.ed.gov>). The PIN allows students and parents to sign the FAFSA electronically and to correct previously processed FAFSA information online. Both the student and at least one parent must apply for a PIN.

##### 2. Free Application for Federal Student Aid (FAFSA)

The Free Application for Federal Student Aid (<http://www.fafsa.ed.gov>) is available online. This form must be completed as soon as possible after January 1.

The information for financial assistance is then processed by the federal processor and sent to Student Academic & Financial Services at the university. The FAFSA code for JWU is 003404.

#### 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.
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 a Statement of Educational Purpose, a Statement of Registration Status, and a Statement on Overpayments and Defaults.
6. For most programs, must demonstrate financial need.

Students are eligible to receive financial aid as long as they maintain academic standing standards (p. 179) as defined in this catalog. Students who fail to maintain satisfactory academic progress will be notified by Student Academic & Financial Services.

## Federal Grants and Loans

Please see the appropriate section for information regarding federal aid.

#### Undergraduate

##### 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 award for the 2014-2015 award year (July 1, 2014 to June 30, 2015) was \$5,730. The maximum Pell Grant award can change each award year and depends on program funding. Further information may be obtained from the U.S. Department of Education (<http://www.ed.gov>).

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.

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Campus-based financial aid programs, including the **Federal Supplemental Educational Opportunity Grant (SEOG)**, **Federal Perkins Loan** 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. The amount Johnson & Wales University awards ranges from \$100 up to a maximum of approximately \$275 per academic year and is based on financial need and the availability of funds. Students with a previous bachelor's degree are not eligible for a Federal Supplemental Educational Opportunity Grant.

##### Federal Perkins Loan

This 5% interest bearing loan is funded by the federal government and administered directly by the university. Master Promissory Notes for this loan are available (<http://www.jwu.edu/financialaid>). Perkins loans are awarded to qualified students with exceptional financial need. The amount a student will receive depends on financial need and the availability of funds.

Students must begin to repay this loan nine months after they leave the university or drop below half-time status. The repayment of principal and interest may be extended over a 10-year period. The amount of each payment depends upon the amount of the student's debt and the length of the student's repayment period.

##### Federal Work-Study Program

Federal Work-Study is a federally funded program that provides part-time employment to undergraduate students with financial need. Positions are available throughout the university and with selected off-campus community service agencies.

Work-study gives students the opportunity to earn money to help pay 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 Academic & Financial Services.

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##### 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 and an entrance interview. Both of these requirements (<https://studentloans.gov>) can be completed online.

Students may borrow up to a maximum of \$3,500 per academic year as freshmen for the first year of undergraduate study, \$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 Direct Lending at 1-800-557-7394 for more information on repayment options.

If you are a 1st time borrower on or after July 1st, 2013, there is a limit on the maximum period of time (measured in academic years) during which you can receive Direct Subsidized loans. You may not receive Direct Subsidized loans for more than 150% of the published length of your program, known as your "maximum eligibility period". For example, if you are enrolled in a four-year bachelor's degree program, the maximum period for which you can receive Direct Subsidized loan is six years, or 150% of your program length. For more information, please contact the Financial Planning office.

##### 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 (<https://studentloans.gov>). 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 Total (Subsidized and Unsubsidized)**

#### **Dependent Undergraduates (excluding dependent students whose parents don't qualify for a PLUS)**

Year	Range
First Year; freshman	\$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; freshman	\$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 a student/borrower remains responsible for the repayment of educational loans that he/she borrows even if the student is 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 U.S. 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 (<http://studentaid.ed.gov>) website.

Applications for these loans are available in Student Academic & Financial Services or on the Direct Lending (<https://studentloans.gov>) 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 January 1. The award process

for first-year students begins in March of 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:

1. For most programs, students must 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 quarter 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. not owe a refund on a Federal Student Aid Grant (e.g. Federal Pell Grant, etc), be in default on a Federal Student Aid loan (e.g. Federal Perkins, etc.); and
7. sign a Statement of Educational Purpose, a Statement of Registration Status and a Statement on Overpayments and Defaults.

Students are eligible to receive financial aid as long as they maintain Satisfactory Academic Progress (SAP) as defined in the SAP (p. 208) section of the catalog, and in the their campus student handbook (<http://catalog.jwu.edu/handbook>). Students who fail to maintain SAP will be notified by Student Academic & Financial Services. All financial aid will be suspended until satisfactory academic progress is again achieved.

### **Return of Title IV Funds (Federal Aid)**

When a student withdraws (or becomes withdrawn) during a payment period or period of enrollment, the amount of student financial aid program assistance earned is determined by a specific formula. If the student receives (or the university receives on the student's behalf) less assistance than the amount earned, the student may be able to receive those additional funds. Students who received more assistance than what they earned must return the excess funds.

The amount of federal assistance earned is determined on a pro-rata basis. That is, if a student completes 30 percent of the payment period or period of enrollment, the student earns 30 percent of the federal assistance he or she was originally scheduled to receive. Once the student completes more than 60 percent of the payment period or period of enrollment, the student earns all scheduled federal assistance.

The student's loan monies (subsidized, unsubsidized and PLUS) must be on record with the Department of Education before the student's last day of attendance in order for the money to be considered within the formula. If the student is eligible for a post-withdrawal disbursement, a written notice will be mailed requesting the consent of the borrower to post the funds to the student's account. 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.

If a student receives excess funds that must be returned, Johnson & Wales University must return a portion of the excess, equal to the lesser of

- the student's institutional charges multiplied by the unearned percentage of the student's funds
- the entire amount of the excess funds

If the university is not required to return all excess funds, the student must return the remaining amount. Any loan funds that the student must return, must be repaid by the student (or his or her parents for a PLUS Loan) in accordance with the terms of the promissory note.

If a student is responsible for returning grant funds, the student does not have to return the full amount. Students are not required to return 50 percent of the grant assistance received that is the student's responsibility to pay. Any amount not returned is a grant overpayment and the student must make arrangements with the university or Department of Education to return the funds.

Federal regulations establish the following allocation for students who receive Title IV, HEA program funds:

A refund owed to a student who received funds under any Title IV, HEA program will be returned to the Title IV, HEA programs from which the student received aid in the following order until the amounts received by the student from these programs is eliminated: the Unsubsidized/

Subsidized Stafford Loan, the Perkins Loan, the Parent PLUS Loan, the Pell Grant, the FSEOG program, all other sources of aid, and the student.

#### Graduate

### Federal Direct Unsubsidized Stafford 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. A Master Promissory Note for these loans is located online (<http://www.studentloans.gov>). Loans made under federal loan programs are applied to the student's account with the university in equal disbursements per term 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.

Campus-based financial aid programs, including the **Federal Perkins Loan** 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 Perkins Loan

This 5% interest bearing loan is funded by the federal government and administered directly by the university. Master Promissory Notes for this loan are available (<http://www.jwu.edu/financialaid>). Perkins loans are awarded to qualified students with exceptional financial need. The amount a student will receive depends on financial need and the availability of funds, up to a maximum of \$1,000.

Students must begin to repay this loan nine months after they leave the university or drop below half-time status. The repayment of principal and interest may be extended over a 10-year period. The amount of each payment depends upon the amount of the student's debt and the length of the student's repayment period.

### Federal Work-Study Program

Federal Work-Study is a federally funded program that provides part-time employment to undergraduate students with financial need. Positions are available throughout the university and with selected off-campus community service agencies.

Work-study gives students the opportunity to earn money to help pay 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 Academic & Financial Services.

### Return of Title IV Funds

Federal regulations establish the following allocation for students who receive Title IV, HEA program funds:

A refund owed to a student who received funds under any Title IV, HEA program will be returned to the Title IV, HEA programs from which the student received aid in the following order until the amounts received by the student from these programs are eliminated: the Federal Subsidized Loan, the Federal Unsubsidized Loan program, all other sources of aid, and the student.

## State Grants

Students from the following states may be eligible for state grants contingent upon residency and campus location. Please refer to your campus catalog for more information.

- Delaware
- Florida
- Massachusetts
- North Carolina

- Pennsylvania
- 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

### Johnson & Wales University Grant

This grant is awarded to students based on the annual financial aid awarding process and the student's financial need.

### Financial Assistance, Scholarship and Work Programs

Last year, Johnson & Wales University awarded more than \$146 million in institutional aid to students. Awards range from \$500 to full tuition. Scholarships, grants, loans and work programs awarded 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 and are not available during the summer term. Note: Scholarship funds are applied to the student's account with the university in three equal disbursements by term (e.g., a \$3,000 Presidential Academic Scholarship recipient would receive \$1,000 per term).

Most scholarships are renewable for up to four consecutive years of full-time, undergraduate, day school enrollment.

**Important Note:** There is a cap on the 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 university administered monies. Please contact Student Academic & Financial Services for further information regarding this cap.

### Alpha Beta Gamma (International Honor Society) Scholarship

A renewable scholarship worth up to \$5,000 is awarded to accepted incoming outstanding transfer students who are members of Alpha Beta Gamma. The application for this scholarship is the application for admission to the university. Students who receive the Phi Theta Kappa/Alpha Beta Gamma Scholarship are not eligible to receive the Transfer Scholarship.

### Business Professionals of America Scholarship (BPA)

The university offers a number of BPA scholarships to any accepted incoming student ranging from \$1,000 up to full tuition. 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 (<http://www.jwu.edu/apply>) and indicate membership. The deadline for full tuition scholarship eligibility is February 1, prior to enrollment.

### 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.

### Circle of Academic Excellence Awards

The Circle of Academic Excellence Awards include The Pioneer's Award, the Founder's Award and the President's Award. The University Awards Committee, working with Student Financial Services, selects students for these awards, which are given to enrolled upperclass students who are excelling academically and who meet certain minimum academic criteria. These renewable scholarships are up to \$5,000 per academic year.

### 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 (<http://www.jwu.edu/apply>) 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 \$1,000 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 (<http://www.jwu.edu/apply>) and indicate membership. The deadline for full tuition scholarship eligibility is February 1, prior to enrollment.

### **Distinguished Visiting Chef Scholarship**

Currently enrolled Culinary Arts and Baking & Pastry Arts students are eligible to receive this up-to-\$2,000 renewable scholarship based upon academic standing and faculty recommendations. Financial need is considered.

### **Distinguished Visiting Professor Scholarship**

The College of Arts & Sciences and the College of Management offer this tuition scholarship of up to \$2,000 to its enrolled students based upon academic standing and faculty recommendation. Financial need is considered. The scholarship is renewable for up to two years.

### **Employee Tuition Scholarship**

These scholarships are based on institutional policy, with qualifying criteria stated in the Johnson & Wales University staff handbook and faculty manual. Applications are available in Human Resources & Payroll.

### **Faculty Scholarship**

Johnson & Wales University awards a number of scholarships to rising seniors, based upon merit, recommendation, need, and GPA. These nonrenewable awards range up to the amount of one term's tuition, which is distributed over three terms.

### **Family, Career and Community Leaders of America (FCCLA) Scholarship**

The university awards a number of FCCLA (formerly FHA-HERO) scholarships to accepted incoming students ranging from \$1,000 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 (<http://www.jwu.edu/apply>) and indicate membership. The deadline for full tuition scholarship eligibility is February 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 Academic & 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 (<http://www.jwu.edu/apply>) and indicate membership. The deadline for full tuition scholarship eligibility is February 1, prior to enrollment.

### **Junior Achievement (JA) Scholarship**

The university offers a number of JA scholarships to accepted incoming students ranging from \$1,000 up to full tuition. 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 (<http://www.jwu.edu/apply>) and indicate membership. The deadline for full tuition scholarship eligibility is February 1, prior to enrollment.

### **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 (<http://www.jwu.edu/apply>) 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 (<http://www.jwu.edu/>

<http://www.jwu.edu/>) 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 \$1,000 up to full tuition. 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 (<http://www.jwu.edu/apply>) and indicate membership. The deadline for full tuition scholarship eligibility is February 1, prior to enrollment.

### **Phi Theta Kappa (National Honor Society) Scholarship**

A scholarship up to \$7,500 is awarded to outstanding transfer students who are members of Phi Theta Kappa. The application for this scholarship is the application for admission to the university. Students who receive the Phi Theta Kappa/Alpha Beta Gamma Scholarship are not eligible to receive the Transfer Scholarship.

### **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. Awards range from \$2,000 to \$15,000 and are renewable up to four years of continuous full-time day school enrollment.

### **ProStart® 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 (<http://www.jwu.edu/apply>). Amount of scholarships awarded for participation in specific high school curricula is limited to one per student.

### **SkillsUSA Scholarship**

The university awards a number of SkillsUSA scholarships to accepted incoming students ranging from \$1,000 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 (<http://www.jwu.edu/apply>) and indicate membership. The deadline for full tuition scholarship eligibility is February 1, prior to enrollment.

### **Technology Student Association (TSA) Scholarship**

The university awards a number of TSA scholarships to accepted incoming students ranging from \$1,000 up to full tuition. 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 (<http://www.jwu.edu/apply>) and indicate membership. The deadline for full tuition scholarship eligibility is February 1, prior to enrollment.

### **Transfer Scholarship**

An unlimited number of transfer scholarships up to \$5,500 are awarded to accepted incoming students who plan to continue their education at Johnson & Wales in an associate or bachelor's degree program. Students must have completed 45 quarter credit hours/30 semester hours at another institution and maintained a minimum 3.00 cumulative average. 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 here (<http://www.tuitionexchange.org/vnews/display.v/SEC/Families/Member%20Schools>).

### **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 term 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 (<http://www.jwu.edu/scholarships>), get more information and download applications  
Graduate



## The MBA/M.S. Scholarship

Each year, Graduate Admissions awards a limited number of nonrenewable scholarships to MBA/M.S. applicants who are accepted as full-time students and reflect an ability to excel in their chosen program. The total amount of each scholarship is \$1,000 and the scholarship will be credited to the student's account in equal installments over three consecutive terms. The student must maintain full-time status while in receipt of the scholarship. Applicants must complete each section of the scholarship form and submit it with a résumé and the graduate application. Scores from the GMAT or GRE may be included for scholarship consideration. Contact Graduate Admissions at 401-598-1015 for a scholarship form.

## Pre-MBA Scholarship

Students who successfully complete the Pre-MBA program with the required minimum 3.0 GPA needed to enter the MBA program will receive a nonrenewable \$2,000 MBA scholarship awarded over the length of the program.

## 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. View a guide to free scholarship searches online (<http://www.jwu.edu/content.aspx?id=11772>).

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.

## American Hotel & Lodging Educational Foundation

Scholarship aid is allocated each year by the American Hotel & Lodging Educational Foundation (<https://www.ahlef.org>) to the School of Hospitality. 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.

## Connecticut Chefs Association

Scholarships are reserved for second-year culinary arts students who reside in Connecticut. To apply, submit a Free Application for Federal Student Aid (FAFSA), letters of recommendation from instructors and a copy of your academic record to the Scholarship Chairman, Connecticut Chefs Association Inc., PO Box 136, Wethersfield, CT 06109.

## Dollars for Scholars

Johnson & Wales University will match up to \$2,500 in scholarship awards made to entering students by affiliated Dollars for Scholars chapters of Scholarship America.

## National Restaurant Association Educational Foundation

The National Restaurant Association Educational Foundation (<http://www.nraef.org/students/scholarships>) administers and awards various merit scholarships to qualified undergraduate students in food service related majors.

View the complete list of JWU scholarships (<http://www.jwu.edu/scholarships>), get more information and download applications.

## Work Programs

### Resident Assistant Program

Students are selected for this program based on strong academic performance and residence hall experience. Applications are available at Residential Life. Awards range from \$10,500 up to \$12,500 and are renewable based on annual performance.

## Student Assistant Employment Program

Scholarships are awarded to students selected for this program. No application is necessary, but a résumé is requested by the hiring department for consideration. Selection is based on strong academic performance and the possession of necessary skills. Awards for 2015–16 are up to \$3,600 and are renewable based on annual employee performance and 2.50 GPA maintenance.

## Graduate Student Assistant Employment Program

Students enrolled in graduate programs are eligible to apply for available positions in the Graduate Student Assistant Employment Program. The Graduate Student Assistant Employment Program allows students to continue their education and gain valuable work experience in one of the university's departments or practicum educational facilities. Students in this program earn an hourly wage and are awarded a scholarship.

This is a highly competitive program that requires each applicant to submit a résumé and interview with each hiring supervisor. Graduate student assistant participants are hired based on their ability to meet the minimum qualifications of the position for which they apply. Interested graduate students should contact Student Employment at 401-598-1849 for more information.

## Teaching Assistant and Fellowship Programs

Selection for these programs is based on strong academic performance and successful completion of an internship. Applications are available at Practicum Educational Facilities or Culinary Administration. Awards for 2015–16 are up to \$7,000 and are renewable based on annual employee performance and 2.75 GPA maintenance.

**Important notice for international students:** Please be aware that some of the above programs offer a room and board grant for eligible summer participants. Non-resident 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.

**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 advisor to determine how these rules apply to them. Non-resident 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.

## Academic Progress

### Satisfactory Academic Progress

To be eligible for 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 term, including summer, for each student. Students who do not meet all SAP criteria may lose their eligibility to receive all types of financial aid (e.g., federal, state, private, institutional and other 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	0–21	45%	1.00
Undergraduate	21.1–42	50%	1.26
Undergraduate	42.1–106.9	60%	1.50
Undergraduate	107 or higher	67%	2.00
Graduate	0 or higher	67%	2.00
Doctoral	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 term and a hold will be placed on the student's record, which will prevent them from course registration for all future terms. Students remain eligible for financial aid during the warning term. If SAP criteria are not satisfied at the end of the warning term, the student will be ineligible for financial aid. Students on warning must meet with an academic counselor to clear the hold prior to course registration, and/or to pursue an appeal. Students on warning must submit their appeal and supporting documentation before the eighth week of the warning term.

#### Ineligible for Financial Aid Period

Students who fail to meet SAP criteria after the warning period are ineligible for financial aid. 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 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, he or she may regain financial aid eligibility. Students who are interested in reestablishing aid eligibility should meet with an academic counselor 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 he or she did not make SAP and what has changed in the student's situation that will allow the student to demonstrate SAP by the next term. Circumstances and required documentation are illustrated below. The appeal process begins with the student's academic counselor in Student Academic Services. If an academic plan can be created that allows the student to meet SAP criteria within two terms, the counselor 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 financial aid reinstated. To continue receiving 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



# 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 clubs and organizations. Select a topic to view specific information.

## Academic Support

### Center for Academic Support

The Center for Academic Support (<http://catalog.jwu.edu/handbook/student-services/centerforacademicsupport>) offers a variety of services to assist students in preparing for graduation and their careers. The center complements students' academic and technical training by providing services that help sharpen their ability to position themselves in today's competitive marketplace.

The center's goals are to support students in their efforts to develop and maximize their talents, empower them to direct their own learning, and help them acquire lifelong behaviors and attitudes that employers value — ultimately leading students on pathways to success.

#### Example of Services Offered

- Tutoring
- Supplemental instruction
- Workshops in stress management, time management, test-taking strategies and other learning strategies
- Accommodations for students with disabilities with appropriate documentation

Students are urged to take the initiative in seeking out-of-class help during faculty office hours as well as in the Center for Academic Support.

#### Students with Disabilities

JWU is dedicated to providing reasonable accommodations to allow students with learning, physical or other disabilities to succeed in their academic pursuits. While maintaining the highest academic integrity, the university strives to balance scholarship with support services that will assist students with disabilities in functioning in the university's academic environment.

Because some programs of study at the university have technical standards (p. 192) and requirements, applicants and students with disabilities should contact the Center for Academic Support to discuss the availability of reasonable accommodations or to obtain documentation guidelines, when appropriate.

For further information regarding available reasonable accommodations and the accommodations procedure, visit the Center for Academic Support website or call the Center for Academic Support at your campus of choice.

#### Food Allergy Accommodation for College of Culinary Arts and School of Hospitality Students

The College of Culinary Arts and the School of Hospitality have technical standards (p. 192) that must be met for participation in their academic programs. All College of Culinary Arts programs and some School of Hospitality programs include the requirement that the student, with or without reasonable accommodations, must be able to safely and effectively test and evaluate the appearance, texture and aroma of food and beverage products, and maneuver in professional or commercial kitchens, dining rooms and related facilities.

Applicants with a food allergy who have been accepted for admission to JWU and intend to pursue studies in the College of Culinary Arts or the School of Hospitality are strongly urged to call or visit the Center for Academic Support prior to attending their first class to discuss any reasonable accommodations that might be available during their academic studies. While the university will provide reasonable accommodations in compliance with applicable law, the university cannot guarantee it will be able to meet all requests for accommodations or remove allergens from its curriculum.

## Health Services

JWU maintains two Health Services (<http://www.jwu.edu/content.aspx?id=10320>) offices where health care is provided to students — one for the

Downcity Campus at Wales Hall and one for the Harborside Campus at the Wildcat Center.

JWU's health services are available to commuting students as well as to residents.

### Medical Records

Prior to the first term of enrollment, the university requires all new, full-time undergraduate students — residents and commuters alike — to submit proof of a complete physical exam conducted within the past year, including documented proof of two doses of the MMR (measles, mumps and rubella) vaccine (or titers if applicable), three doses of hepatitis B vaccine (or titers if applicable), three doses of tetanus-diphtheria vaccine (including at least one Tdap dose within the past 10 years), two doses of the chicken pox vaccine (or titers if applicable) or proof of physician-diagnosed disease, and one dose of meningitis vaccine (required for students residing in university residence halls). A waiver of the meningitis vaccine requirement is available for students 22 years of age and older (please contact Health Services for further information). In addition, 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.

The hepatitis A vaccine is strongly recommended but not required.

## International Student Services

International Student Services is housed in Providence's International Center, which also includes Study Abroad and the BRIDGE Center. There are International Student Services staff on each of the four campuses. The main focus of International Student Services 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 also been created to assist students from the moment they enroll in the university until the day they graduate and beyond. Information sessions on employment, tax and other cultural adjustment issues are conducted every year. International Student Services also offers orientation and cultural programming for international students and the university community. The BRIDGE Center collaborates on some of this programming designed to support students with acclimating to campus life.

- Providence (<http://www.jwu.edu/content.aspx?id=49664>)
- North Miami (<http://www.jwu.edu/northmiami/iss>)
- Denver (<http://www.jwu.edu/denver/iss>)
- Charlotte (<http://www.jwu.edu/charlotte/iss>)

## New Student Orientation and Support Programs

Attendance at an orientation program is mandatory for all new students. Summer Orientation is offered to all new day students entering Johnson & Wales University in the fall term. At Summer Orientation, students meet with academic representatives in their chosen school or college and take academic placement exams. Students learn about campus resources, network with upper-class student leaders, familiarize themselves with the campus and make new friends. An abbreviated orientation program is also offered for all new students each term prior to the start of classes. Activities include academic orientation, placement testing, social activities, distribution of photo identification cards, and meetings with administration, faculty and residence hall representatives.

## Policies

### Computer and Technology Use Policy

All students are required to comply with the university's Computer and Technology Use Policy (<http://helpdesk.jwu.edu/policies.htm>).

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 a student's access to the Internet via the university's Internet system and student conduct review actions up to and including dismissal from the university.

In addition, students should be aware that unauthorized distribution of copyrighted material (e.g., songs, music and other materials), such as through peer-to-peer networks, may constitute copyright infringement. Penalties for copyright infringement include civil and criminal penalties. 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, in 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 (<http://www.copyright.gov>), especially their FAQs (<http://www.copyright.gov/help/faq>). Please refer to the Computer and Technology Use Policy for a further description of prohibited activities regarding use of university technology resources.

### Drug and Alcohol Policy

In accordance with the Federal Drug-Free Workplace Act and Drug-Free Schools and Communities Act, Johnson & Wales University prohibits the unlawful manufacture, distribution, dispensation, possession or use of narcotics, drugs, other controlled substances or 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 at events, operations, programs, premises or facilities sanctioned by the university. Unlawful for these purposes means in violation of federal, state or local statutes, regulations or ordinances. 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.

Possession or use of illegal drugs, narcotics or drug paraphernalia is absolutely forbidden. Johnson & Wales may impose sanctions on students and employees for violations of this policy up to and including dismissal, termination of employment and/or referral for prosecution. Johnson & Wales is not and cannot be considered a protector or sanctuary from the existing laws of the local, state and/or federal government.

### University Sanctions

Disciplinary sanctions which may be imposed on a student found to be in violation of the above policy include, but are not limited to, revocation of certain privileges, community service, conduct warning, conduct probation, fine or restitution for loss, suspension or dismissal from the university and/or university housing, and referral to alcohol education classes. The university also reserves the right to notify parents of violations by students who are under the applicable legal drinking age. Please see the Student Code of Conduct (<http://catalog.jwu.edu/handbook/studentaffairs/studentcodeofconduct>) and Sanctions (<http://catalog.jwu.edu/handbook/studentaffairs/studentcodeofconduct/sanctions>) for more information.

### Alcohol and Its Effects

Alcohol abuse is defined as any drinking that harms or endangers the drinker or other people. It can be a single episode or a regular pattern. Alcohol consumption causes a number of marked changes in behavior. Thought processes are slowed as alcohol numbs and destroys brain cells.

### Symptoms of Drug Abuse

The key is change. It is important to watch for any significant changes in physical appearance, personality, attitude or behavior. Behavior signs include a change in overall personality or attitude with no other identifiable cause; a general lack of motivation, energy or self-esteem; sudden oversensitivity, temper tantrums or resentful behavior, moodiness, irritability or nervousness.

### Possible Effects of Drug Abuse

Narcotics (opium, morphine, heroin) may cause euphoria, drowsiness, respiratory distress and nausea. Depressants (barbiturates) may cause slurred speech, disorientation and drunken behavior without the odor of alcohol. Stimulants (cocaine, amphetamines) may cause increased alertness, increased blood pressure and pulse, insomnia and loss of appetite. Hallucinogens (LSD, mescaline) may cause illusions, hallucinations and poor perception of time

and distance. Cannabis (marijuana, hashish) may cause euphoria, relaxed inhibitions and disoriented behavior.

### JWU's Substance Abuse Prevention Program

Several programming initiatives and alternatives are available to help students examine their own behavior related to alcohol and other drugs (AOD):

- Counseling Services provides an assessment of AOD usage for all students who seek counseling.
- 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.
- Counseling and Health & Wellness offer AOD prevention through programming efforts with various student groups and Student Affairs departments.
- Counseling and Health & Wellness also collaborate with Student Conduct to provide educational and other resources for students with problematic drinking behavior and drug use.
- A number of programming initiatives take place each year.

### State Penalties for Drug and Alcohol Offenses

Johnson & Wales University students are subject to state criminal prosecution and penalties for drug and alcohol offenses, including

- possession or delivery of marijuana, cocaine, heroin, LSD or PCP
- possession of a needle and syringe
- driving under the influence of alcohol and/or drugs
- driving under the influence, death resulting

Criminal penalties for drug and alcohol offenses can include

- mandatory drug or alcohol counseling
- alcohol and/or drug treatment
- driver retraining
- suspension or loss of driver's license
- community service
- fines ranging from \$200 up to \$1,000,000
- imprisonment for various periods of time up to life imprisonment

## Residential Life

Generally, all first-year students are required to live in university housing unless they meet one or more of the following criteria.

The student is not required to live in university housing if he or she is

- married or has a same sex domestic partner relationship that meets certain eligibility requirements
- a parent
- at least 21 years of age
- living at home with a relative, parent or guardian and commuting within a 50-mile radius of campus
- a transfer student
- not eligible to live on campus

Please contact Admissions for further information regarding these exceptions. 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.

Residential Life (<http://www.jwu.edu/content.aspx?id=294>) provides information regarding a variety of living accommodations on and near campus, as well as programs for students and opportunities for involvement. Students requesting reasonable accommodations should contact the Center for Academic Support (<http://www.jwu.edu/content.aspx?id=278>).

## Safety & Security

Campus Safety & Security (<http://www.jwu.edu/providence/safety>) is responsible for the enforcement of university policies, security on campus, and providing a variety of services to the university's students, faculty and staff. Emergency management is a component of the department, which focuses on crisis preparedness through drills and exercises that promote response capabilities in the event of a campus or university emergency.

Johnson & Wales University's Providence Campus Safety & Security is accredited by the International Association of Campus Law Enforcement Administrators Commission.

Incidents of an emergency nature should be reported to the local police by dialing 911, followed by contacting Campus Safety & Security at extension 1103 from a university phone or 401-598-1103 from a non-university phone. Campus Safety & Security issues timely alerts to the campus community and, when necessary, has the ability to issue alerts of an imminent threat via an emergency notification mass-messaging system.

Students are encouraged to take full advantage of the services and crime prevention programs listed on our website.

In compliance with the Higher Education Act, Johnson & Wales University publishes an Annual Security Report and an Annual Fire Safety Report. The Annual Security Report discloses information about campus security policies and statistics concerning reported crimes that occurred on campus, on university-controlled property, and on public property immediately adjacent to campus. The Annual Fire Safety Report discloses information about the campus fire safety policies and procedures and fire statistics for each residence hall. A copy of the reports may be obtained from Campus Safety & Security in person or online (<http://www.jwu.edu/providence/safety>).

The university maintains a log of all fires that occur in on-campus housing, and a daily log of all reported crimes.

## Student Involvement & Leadership

Student Involvement & Leadership (<http://www.jwu.edu/content.aspx?id=11598>) strives to cultivate meaningful experiences to inspire personal and professional growth by

- developing and supporting programs that promote collaborative learning, character development and social responsibility
- promoting a student-centered culture that encourages a strong sense of pride and tradition
- empowering students to embrace and strengthen an inclusive community
- fostering collaborative partnerships to support and deliver successful campus events

Student Involvement & Leadership has two locations: in the Citizens Bank Center for Student Involvement at the Duncncy Campus and in the Wildcat Center at the Harborside Campus. Some programs and services include

- more than 115 student clubs and organizations
- fraternity and sorority life
- leadership institutes, workshops and retreats
- Fall/Halloween, Winter and Spring/Founders' Week events
- spiritual life
- student government
- free movie series
- campus traditions such as Midnight Madness, One-Ton Sundae, Wildcat Wahoo Carnival and more

### Clubs and Organizations

Opportunities abound for students to get involved in clubs and organizations and become engaged in the Wildcat community at JWU's Providence Campus. See clubs and organizations (<http://www.jwu.edu/content.aspx?id=11298>) to learn more about the ways to get involved in student organizations and to access the Student Organization Handbook to learn about starting new organizations on campus.

### Fraternity and Sorority Life

Getting involved in the fraternity and sorority community at the Providence Campus is a fantastic way to build a network of resources that lasts a lifetime. See fraternity and sorority life (<http://www.jwu.edu/content.aspx?id=11084>) for currently available fraternities, sororities and social fellowships.

### Leadership Development Programs

Student Involvement & Leadership provides opportunities (<http://www.jwu.edu/content.aspx?id=292>) for students to complement their classroom education with the leadership knowledge, skills and abilities necessary to succeed in a competitive workplace and in life.

## Athletics

Athletics at JWU's Providence Campus serves multiple functions within the campus community such as supporting students' needs through intercollegiate, recreational and intramural sports programs, as well as fitness programs and facilities. See Athletics (<http://providence.jwuathletics.com/landing/index>) for current Athletics program information.

### Building Relationships, Intercultural Dialogue and Global Engagement (The BRIDGE Center)

The BRIDGE Center is a place for engaging with JWU's diverse community of students, faculty and staff through formal programming and informal opportunities for relationship-building. The BRIDGE Center (<http://www.jwu.edu/BRIDGECenter>) is located across from the main entrance of Xavier Residence Hall.

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