ABRD4080 Study Abroad - Exchange Program
This course is a variable-credit placeholder course used to maintain JWU student status while participating in a JWU exchange program. Students apply for the exchange program through JWU Study Abroad, which identifies the approved exchange university institutions. Students are enrolled in exchange university courses overseas. The international host university courses are not from the JWU catalog, so students schedule for this course (3–15 credits) to maintain registration at Johnson & Wales. Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3-15 Semester Credits

ABRD4180 Study Abroad - Affiliate Program
This course is a variable-credit placeholder course used to maintain JWU student status while participating in a JWU affiliate program. Students apply for the affiliate program through JWU Study Abroad, which identifies the approved affiliate organizations and specific approved programs. Students are enrolled in an affiliate’s partner university courses overseas. The international host institution or university courses are not from the JWU catalog, so students schedule for ABRD4180 (3–15 credits) to maintain registration at Johnson & Wales. Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3-15 Semester Credits

ABRD6080 Sustainability, Community Engagement, and Leadership in Nepal
This course is designed to provide a focused lens on the leadership of sustainability, community engagement, and global citizenship, with an emphasis on nonprofit management. Students utilize a systems perspective to identify and analyze the complex factors that contribute to the challenges and proposed solutions to community-based approaches for addressing the concerns and roles of diverse stakeholders, specifically in Nepal. As a case study, students learn on-site at a nonprofit organizational community in Nepal, the Kevin Rohan Memorial Eco Foundation (KRMEF), which is an innovative and replicable model for sustainable community and leadership development. KRMEF represents an ecological systems (biodynamic) model for addressing the needs of the people and communities specifically in the Kathmandu Valley region of Nepal, with relevance to shared concerns within a global context. Students are immersed in the complex development of Nepal as a developing and post-disaster country and emerging democracy, through relevant readings, structured site visits and excursions, cultural events, and community interaction. Ongoing, intentional reflection provide opportunities for participants to engage with, synthesize, communicate about and act upon what they learn from their experiences and how that relates to academic, professional, civic and leadership interests. Prerequisite(s): RSCH5700. Offered at Denver, North Miami, Online 3 Semester Credits

ACCT1210 Financial Accounting
This course introduces students to the basic principles, practices and theories of financial accounting. Topics include the identification, measurement and recording of the financial effects of economic events on enterprises. Emphasis is placed on the understanding and use of financial statements for the corporation, interpretation and use of financial statement information in business decisions, and a study of the system that produces this information. Prerequisite(s): BUS1001 or EVNT1001 or FSM1001 or FSM2025 or FSM2045 or HOSP1001 or MGMT1001 or SPM1001 (or concurrent), FIT1040 or FSM2007 (or concurrent), (OL) Offered at Charlotte, Denver, North Miami, Online, Providence 3 Semester Credits

ACCT1220 Managerial Accounting
This course covers how accounting information is used internally for planning, controlling, and decision making. Students learn the nature, application, and behavior of costs for manufacturers, retailers and service providers. The preparation of operating and financing budgets is also covered. Students explore how accounting information is utilized internally to make business decisions relevant to performance evaluation and help align with the organization's goals. Prerequisite(s): ACCT1210. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence 3 Semester Credits

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. (OL) Offered at Charlotte, Online, Providence, Providence CE 3 Semester Credits

ACCT2035 Accounting Software
In this interactive course, students gain experience with a commercial accounting software package. The course is conducted in a laboratory setting. The software program is selected based on local market demand and designed for small- to medium-sized businesses. Basic through advanced setup, maintenance and the entire accounting cycle are completed using the software. Students master the reporting function and also work with payroll, sales and pricing transactions by customer and/or job. Advanced topics such as the audit trail, closing the books and reversing journal entries are explored. Prerequisite(s): ACCT1210. (OL) Offered at Charlotte, Online, Providence, Providence CE 3 Semester Credits

ACCT2150 Accounting for Hospitality Service Organizations
This course combines the concepts of accounting theory and practices with the specialized requirements of hospitality service organizations. The course introduces the nature and purpose of accounting, the double-entry system, accounting documents, and financial statements of service organizations. Comprehensive coverage is given to revenue and expense accounting, inventory systems, vertical, horizontal and ratio analyses, accounting for current assets and current liabilities with particular focus on unearned revenue, intangible assets, selective topics in property and equipment accounting and sales forecasting. Prerequisite(s): FIT1040 or FSM2007 (or concurrent). (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

ACCT2210 Intermediate Accounting Theory and Practice I
This course provides an introduction to theories, practice and the conceptual framework in financial accounting. Students expand their knowledge of revenue recognition, cash, and accounts receivable, including account valuation and the impact of related transactions on periodic net income and financial position, inventory, and property, plant and equipment. Prerequisite(s): ACCT1210. (OL) Offered at Charlotte, Online, Providence, Providence CE 3 Semester Credits

ACCT2220 Intermediate Accounting Theory and Practice II
This course serves as a continuation of Intermediate Accounting Theory and Practice I. Special topics are studied such as accounting for current and non-current liabilities, stockholders’ equity, earnings per share, income taxes, leases, investments, accounting for changes and errors, and the statement of cash flows. Prerequisite(s): ACCT2022 or ACCT2210. (OL) Offered at Charlotte, Online, Providence, Providence CE 3 Semester Credits

ACCT3011 Federal Taxes I
This course is a study of federal tax laws pertaining to sole proprietorships, advanced personal tax situations, partnerships and corporations. Prerequisite(s): ACCT3011. Offered at Providence, Providence CE 3 Semester Credits

ACCT3012 Federal Taxes II
This course involves the study of federal tax laws pertaining to sole proprietorships, advanced personal tax situations, partnerships and corporations. Prerequisite(s): ACCT3011. Offered at Providence, Providence CE 3 Semester Credits
ACCT3030 Not-For-Profit and Governmental Accounting
This course introduces students to the accounting procedures of local and state governments. It also introduces students to the accounting standards of organizations that exist and operate for purposes other than to provide goods and services at a profit. The Single Audit Act (OMB Circular A-133), government auditing standards (the ‘yellow book’) and preparation of federal form 990 are also studied.
Prerequisite(s): ACCT2220.
Offered at Providence, Providence CE
3 Semester Credits

ACCT3035 Cost Accounting
This course focuses on the study of accounting in a manufacturing business and advanced topics. Costing procedures covered include job order costing and overhead application rates, activity-based costing, process costing, joint costs allocations, standard costing and variance analysis.
Prerequisite(s): ACCT1220.
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

ACCT3045 Internal Auditing
The internal audit function of the modern organization is the subject of this course, with a concentration on the nature of operational auditing, its objectives, procedures and standards. Attention is given to the analysis of the various administrative and accounting controls on which management depends for efficiency and effectiveness of operations.
Prerequisite(s): ACCT2023 or ACCT2220. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

ACCT3050 Advanced Accounting
This course is designed to provide students with an introduction to international accounting and the knowledge to prepare consolidated financial statements.
Prerequisite(s): ACCT2023 or ACCT2220. (OL)
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

ACCT3055 Casino Accounting
This course focuses on the characteristics of casino accounting by providing a history of the gaming industry. This history describes the evolution of the systems of internal control used in casino operations and illustrates the accounting methods used to comply with state and federal regulations according to generally accepted accounting principles and the AICPA Guide to the Casino and Gaming Industry.
Prerequisite(s): ACCT1210. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

ACCT3060 Accounting Information Systems
This course prepares accounting majors for the technology issues they will face in their careers and effective communications with information technology personnel within organizations. Topics covered include transaction and data processing cycles, systems analysis and design, computer fraud and internal control, and auditing accounting information systems.
Prerequisite(s): ACCT1220 or ACCT4040. (OL)
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

ACCT3065 Advanced Accounting Software
In this interactive course, students expand their knowledge of accounting software. The software program is selected based on local market demand and designed for larger, multi-location business. Students learn how accounting functions are performed in a more advanced accounting software package. Students perform set up and maintenance of the software, enter accounting transactions and prepare reports. The course is conducted in a computer lab setting.
Prerequisite(s): ACCT2035, ACCT3060.
Offered at Providence, Providence CE
3 Semester Credits

ACCT3080 Fraud Examination: Theory and Practice
This course covers accounting and legal concepts along with the procedures that are necessary to accomplish fraud detection, fraud investigation and fraud prevention duties. Students learn how to analyze allegations of fraud and how to utilize accounting and investigative skills during a fraud investigation. Computerized application development assists in case analysis. Expert witness testimony is also discussed along with a review of the variety of ways to communicate findings.
Prerequisite(s): ACCT1210. (OL)
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

ACCT3150 Financial Management for Hospitality Service Organizations
This course presents how accounting information is used by management to analyze and measure the efficiency and profitability of hospitality service organizations. The course emphasizes the managerial uses of budgets and variance analysis, relevant cost analysis, regression analysis, and cost-volume-profit relationships. Net present value, internal rate of return, risk and cost of capital are also discussed.
Prerequisite(s): ACCT1210 or ACCT2150, FIT1040 or FSM2007 (or concurrent), (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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; non-taxable transactions; payroll taxes; and income tax planning. This course is elective for non-accounting majors only.
Prerequisite(s): ACCT1210.
Offered at Charlotte, Providence, Providence CE
3 Semester Credits

ACCT4040 Auditing
This course is designed to acquaint the student with methods of verification, analysis and interpretation of generally accepted auditing procedures. The mechanics of planning and implementing an audit and the preparation of reports are studied.
Prerequisite(s): ACCT2023 or ACCT2220. (OL)
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

ACCT4045 Internal Auditing
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 or ACCT2220.
Offered at Providence, Providence CE
3 Semester Credits

ACCT4060 Accounting Seminar
This course is delivered in a seminar format and serves as the capstone course for seniors majoring in Accounting. Using knowledge obtained through previous accounting coursework, students analyze and report on contemporary issues in accounting and auditing. Computer software is used extensively throughout the course.
Prerequisite(s): ACCT2035, ACCT3011, ACCT3035, ACCT4040, senior status. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

ACCT4065 Accounting and Financial Analysis Seminar
This course is delivered in the seminar format and serves as the capstone for seniors pursuing the bachelor of science degree in Corporate Accounting and Financial Analysis. Students use the knowledge obtained through their other required accounting and finance courses to further develop their critical thinking and decision-making skills on accounting and financial analysis-related topics. Students use spreadsheet software to conduct analyses when appropriate.
Prerequisite(s): ACCT3035, ACCT4040, FISV3080, senior status.
Offered at Charlotte
3 Semester Credits
ACCT6001 Accounting Theory
This course involves an overview of the theory of accounting with emphasis on recent pronouncements issued by the Financial Accounting Standards Board.
Prerequisite(s): ACCT3050, completion of required accounting prerequisite and foundation courses. (HY)
Offered at Providence
3 Semester Credits

ACCT6003 Advanced Auditing
This course reviews various relevant auditing topics and enhances students' understanding of compilations, reviews and other attestation services so that they may perform certain audit procedures in a practice case format. This course is highly interactive with students working on various cases in a group format.
Prerequisite(s): ACCT3040, completion of required accounting prerequisite and foundation courses, knowledge of spreadsheet software. (HY)
Offered at Providence
3 Semester Credits

ACCT6020 Individual Taxation
This course offers students a practical approach to understanding the complexity of the U.S. tax system. Discussion centers on the tax laws as a means of fiscal policy. The course is designed to teach students how to research and understand the initiation of tax law in the legislature, how this is brought through the Treasury Department, and how judicial interpretation affects the understanding of tax issues. Emphasis in the course is on examination of the law of individual taxation from the standpoint of the Internal Revenue Code and pertinent regulations to ultimately foster an understanding of the U.S. tax system and the sources behind the law. Contemporary tax planning techniques are discussed throughout the course. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

ACCT6021 Corporate Taxation
This course offers the student a practical approach to understanding the complexity of the U.S. tax system. Discussion centers on the tax laws as a means of fiscal policy. Students explore how to plan to utilize the tax system for financing company needs. The course is designed to teach students how to research and understand the initiation of tax law, how this is brought through the Treasury Department, and how judicial interpretation affects the understanding of tax issues. Emphasis is placed on effective planning to assist shareholders to achieve desired goals in the formation, operation and liquidation stages of a corporation. Contemporary tax planning techniques are discussed throughout the course.
Prerequisite(s): ACCT3011, completion of required accounting prerequisite and foundation courses. (HY)
Offered at Providence
3 Semester Credits

ADVC1010 Marketing Communications
This course covers the role of marketing communications in the overall marketing process. Emphasis is placed on the integration of advertising, sales promotion, public relations, and interactive marketing in the creation of effective and seamless communication strategies. Students learn how advertising messages are created using consumer insights and how messages are placed in a variety of media channels. Students also learn how each of the promotional mix elements can be used for specific purposes.
Prerequisite(s): GDES1020 or MCST1010 or MRKT1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ADVC1011 Media Strategy
This course focuses on the process of media planning and buying with particular emphasis on traditional media. Students learn to use media research tools to select appropriate media vehicles that reach specific audiences. Topics include media strategy development, agency/media relations, reach and frequency optimization, and establishing budgets and costs.
Prerequisite(s): ADVC1010. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

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 students to think both strategically and creatively for the wide range of media and communication 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. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ADVC2002 Copywriting and Art Direction
This course is an introduction to the creative crafts of advertising: copywriting and art direction. The course covers the creative crafts in traditional media such as print, outdoor, broadcast and collateral, and in new media. Copywriting study includes headline writing, body copy, theme lines and tag lines, as well as script writing. Art direction study includes layout, design and typography. This course aids students in incorporating both copywriting and art direction disciplines into portfolio samples.
Prerequisite(s): ADVC2001 or CGRA3050. (OL)
Offered at Online, Providence
3 Semester Credits

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. (OL)
Offered at Online, Providence
3 Semester Credits

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 develop an advertising campaign for a marketing organization using one or more major selling ideas taught in the course.
Prerequisite(s): ADVC2001. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

ADVC3010 Digital Media Planning
This course provides students with the skills and knowledge required to be successful in today's digital advertising industry. Students focus on how paid search and digital display is used to optimize return on investment for marketing organizations. Students calculate the costs of reaching audiences and assess results using analytical tools. Students have the opportunity to gain industry certifications in search and digital display advertising.
Prerequisite(s): ADVC1010 or SMW1001. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits
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 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. This course is offered twice over two consecutive terms. In the first term, students begin by conducting research for the client from which insights on positioning, creative, and media strategies are developed. Strategies also include sponsorships, partnerships, events, public relations and the use of new media including digital, search optimization and social media strategies. In the following term, the course focuses on the execution of the various strategies including the creative, media, digital, social, web design, videos and collateral that are produced within a plans book and followed by a multimedia presentation that is presented to the client.
Prerequisite(s): ADVC1010, junior status. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

ADVC4015 Integrated Marketing Communications Seminar I
This course provides students, working in teams, the opportunity to develop fully integrated marketing communications plans for marketing organizations in the for-profit and non-profit sectors. Students create a fully executed integrated marketing communications campaign, utilizing the appropriate promotional mix elements, and including development of the following strategies: research, targeting, positioning, creative, and media. The campaign culminates in a cohesive pitch presentation to the client. The course also focuses on the identification of ethical and legal issues in advertising and provides students the opportunity to develop employment-ready portfolios to apply to their job search.
Prerequisite(s): ADVC2001, junior status. (OL)
Offered at Online, Providence
3 Semester Credits

ADVC4016 Integrated Marketing Communications Seminar II
This course is the second part of ADVC4015. Students implement the strategy they developed in ADVC4015 and use their production budget and attendant costs. Students are required to design and produce advertising for print, broadcast, collateral, Internet and other forms (as recommended) of creative execution. The creative product must reflect an integrated communications concept and theme. Students also implement a public relations, sales promotion and direct marketing strategy that coordinates to reflect a seamless communications program.
Prerequisite(s): ADVC4015, junior status. (OL)
Offered at Online, Providence
3 Semester Credits

ADVC4020 Portfolio Seminar
This course is designed to give advertising students an experiential portfolio-building seminar often in a simulated work environment, under the supervision of faculty with expertise in the advertising industry. Students assess their body of work, focusing on refining and evolving selected pieces, to show prospective creative directors the depth of creative and strategic skills, across traditional, digital and immersive forms of media. Students complete the course with a diverse and competitive e-portfolio, with a clear positioning statement about themselves, for an entry-level position on the creative side of advertising, or related creative fields.
Prerequisite(s): ADVC4015 or MRKT3005. (OL)
Offered at Online, Providence
3 Semester Credits

ADVC4050 Search Engine Marketing
This course provides students with the knowledge and skills to develop effective search engine optimization practices with particular attention to content marketing strategies. Content marketing includes effective web writing and storytelling. Students explore the various components that go into creating websites resulting in high page rankings, leading to customer engagement and achieving organizational objectives. Topics include SEO architecture, key navigation and linking principles and content development and design principles. Dashboards are used to assess ROI and optimize website performance in terms of traffic and conversion. Certifications are available in Google Analytics.
Prerequisite(s): ADVC1010 or DME1040 or GDES1040 or SMW2010, sophomore status. (OL)
Offered at Online, Providence
3 Semester Credits

ADVC4120 Marketing Communications in an International Context
This course is a variable credit course within the study abroad program. The students earn a variable 3.0 to 9 credits. The purpose of this course is for students to have an international experience in which they can gain firsthand knowledge of how organizations use positioning and communication strategies to achieve specific marketing objectives. Industry visits, cultural excursions and on-the-ground projects provide students with the knowledge and skills to develop integrated marketing communication plans, including advertising, public relations, and media strategies.
Prerequisite(s): ADVC1010, MRKT1001, acceptance into Study Abroad program.
Offered at Charlotte, Denver, North Miami, Online, Providence
3-9 Semester Credits

ANTH1050 Cultural Anthropology
Anthropology is the study of humankind in all of its diversity. It is divided into four subfields: physical (biological) anthropology, archeology, linguistic anthropology, and cultural anthropology. This course is focused primarily on cultural anthropology, which pays particular attention to culture and its pivotal influence on the social institutions and life experiences that make us human. Culture refers to the values, traditions and social practices shared by a group of people at a particular time and place. This course uses anthropology with its holistic approach and its emphasis on the ethnographic method (participant observation) to examine the richness and complexity of the human experience.
Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

ANTH3060 Indigenous Perspectives in Global Context
This course offers the opportunity to better understand indigenous peoples within historic and contemporary contexts and as citizens of the world with enduring lives of order and meaning, even as indigenous worldviews remain marginalized in contrast to the power and privilege of dominant cultures worldwide. Key components of this course are explaining indigenous peoples, perspectives and knowledge and examining the diverse social landscapes that tell a deeper, more complete story of resistance, resilience and contribution. Through various modalities representing a spectrum of scholarship and expression, this course is designed to critically examine competing narratives through a global lens to position indigenous perspectives within broader spheres of influence.
Prerequisite(s): ANTH1050.
Offered at Providence, Providence CE
3 Semester Credits

ARA1011 Conversational Arabic I
This course requires active participation from students as they develop their skills in written and oral communication and reading and listening comprehension. Students learn more than 250 new vocabulary words, foundational grammar and basic verb tenses to facilitate understanding of the language used in everyday dialogues in the Arabic society. Students are introduced to the culture and geography of the Arabic-speaking world.
Offered at Providence
3 Semester Credits
ARA1012 Conversational Arabic II
This course requires active participation from students as they develop their skills in written and oral communication and reading and listening comprehension. Students learn more than 250 new vocabulary words, foundational grammar and basic verb tenses. Students are introduced to the culture and geography of the Arabic-speaking world.
Prerequisite(s): ARA1011 or language placement.
Offered at Providence
3 Semester Credits

ARA2001 Conversational Arabic III
This course requires active participation from students as they develop their skills in written and oral communication and reading and listening comprehension. Students learn more than 300 new vocabulary words and should be able to handle social interactions and written communication on everyday and familiar topics. Students are introduced to the culture and geography of the Arabic-speaking world.
Prerequisite(s): ARA1012 or language placement.
Offered at Providence
3 Semester Credits

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
3 Semester Credits

ART2030 Music Appreciation
This survey course of the history of music covers the elements of music, terminology, composition, form and style. It also explores the instruments, voices and ensembles that interact to create the art of music, focusing on periods of music after 1500 - Renaissance, Baroque, Classical, Romantic and Modern. American musical theater, jazz and music of world cultures are also studied. Emphasis is on developing critical listening skills and on developing an appreciation of music of many genres.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Denver, Providence, Providence CE
3 Semester Credits

ART3020 Art History
This course provides an introduction to the understanding and appreciation of art. Emphasis is placed on the visual arts of painting, sculpture and architecture. The course covers the basic principles of design, form and techniques as well as a general chronological history of art from ancient to contemporary works. Students are encouraged to respond actively to works of art through class discussions, museum visits and class projects.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ART3110 World Cinemas
This course is designed to give students an in-depth introduction to the rich and diverse history of film across the world. Through a series of case studies, students engage deeply with a broad range of international filmmakers, movements and styles, focusing on places such as France, Italy, Japan, China, Brazil, Mexico and more. Students explore the ways in which specific film styles and traditions develop in relation to 1) their own social/cultural contexts, 2) the global dominance of Hollywood Cinema and 3) the "transnational" context of an increasingly globalized film marketplace. In the process, students are not only exposed to a wealth of international films and filmmakers — they move beyond the classic pleasure of simply watching movies and develop the tools necessary to analyze films aesthetically, thematically and technically and to reflect critically upon the social meaning and importance of our global film culture.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

ASC4799 College of Arts & Sciences Internship
Students enrolled in the College of Arts & Sciences Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with workplace challenges, nuances and everyday expectations associated with a variety of functions within the workplace. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success in their chosen profession.
Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.5 during the entire pre-program application process, and 2) have completed 57 hours of course work, (except for Media Communications Studies students with a required internship, GPA 2.0). (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3-12 Semester Credits

BEVS100 General Studies in Fermentation Science
This course explores fermentation in food and beverage systems with emphasis on the functional properties of microorganisms. Students are exposed to a range of topics including the role of microorganisms in generating flavor and aromas of foods, effect of fermentation on food properties, biologically active compounds, safety and process control in the food fermentation industry. (OL)
Offered at Online, Providence
3 Semester Credits

BEVS5200 Advanced Global Wine Studies
This advanced wine course provides an overview of the world of wine. The vineyard and the winery are the initial focus which develops into sensory evaluation. The main wine producing areas of the world are covered examining the historical, cultural and legislative influences that have influenced the wines style and quality. Business principles are discussed where the main objective is to understand the marketability and profitability of wines and to make strategic business decisions. Depending on the knowledge and previous experience of the student, beverage certifications from internationally recognized organizations will be an option. (OL)
Offered at Online, Providence
3 Semester Credits

BEVS5250 Advanced Global Studies in Beer and Brewing Operations
The course provides students with a broad understanding of the beer and brewing industry within the context of the global beverage marketplace. Students examine the many issues faced by modern breweries of all sizes and types, including changes in consumer attitudes and behavior. Students build on a basic understanding of beer production styles to examine various supply chain models, changing regulatory climates, environmental and ethical considerations, and the applications of technologies to address industry challenges. Students develop strategies for sustainable growth and logistical process and operational efficiencies. (OL)
Offered at Online, Providence
3 Semester Credits

BEVS5300 Advanced Global Spirits Studies
This advanced spirit course provides an overview of the world of spirits. Distillation and the production of spirit is the primary focus which will develop into sensory evaluation. All spirit categories are covered from production to service. Business principles are discussed, and major global companies and their strategies are analyzed. Sales and marketing, product development, forecasting trends and brand innovations are a major component of this course. The legal aspects from a global standpoint are examined with the implications of importation and taxes. Depending on the knowledge and previous experience of the student, beverage certifications from internationally recognized organizations will be an option. (OL)
Offered at Online, Providence
3 Semester Credits

BEVS5350 Advanced Beverage Marketing and Retail
This course provides advanced studies in beverage marketing and retailing terminology and concepts. Students discuss market research, brand creation and establishment, packaging, integrating marketing communications strategies, the three-tier system for distribution, craft beverage tourism, pricing, digital media and legislation around beverage marketing. (OL)
Offered at Online, Providence
3 Semester Credits
BEVS400 Contemporary Issues in the Global Beverage Industry
The nature, scope and significance of this course is to review, discuss and analyze current issues in contemporary global beverage management. Students utilize their knowledge and understanding from other courses to address present-day topics that have various impact within the industry. Daily and weekly news sources serve as primary references for the content of this course. (OL)
Offered at Online, Providence
3 Semester Credits

BIO1011 General Biology - Cellular
This course provides an introduction to the structure, function and genetics of living organisms. It is designed to be a first course for biology majors and to provide a foundation for more advanced courses in the biological sciences. Topics include the chemistry of biological molecules, cell structure and function, photosynthesis and cellular respiration, the cell cycle, mitosis, meiosis and sexual reproduction, and genetics. This course is taken concurrently with General Biology Laboratory - Cellular.
Prerequisite(s): Corequisite: BIO1016.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

BIO1016 General Biology Laboratory - Cellular
This is a laboratory companion course coordinated with BIO1011 that introduces students to techniques and equipment used in experimental biology. Students take an inquiry-based, self-guided learning approach to the discovery of cell structure and function, photosynthesis and cellular respiration, the cell cycle, and genetics. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.
Prerequisite(s): Corequisite: BIO1011.
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit

BIO1022 General Biology - Organismal
This course provides an introduction to evolution, the diversity of life on earth, plant and animal form, function, growth, development and reproduction, ecology and ecosystems. This course is taken concurrently with General Biology Laboratory - Organismal.
Prerequisite(s): Corequisite: BIO1026.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

BIO1026 General Biology Laboratory - Organismal
This is a laboratory companion course coordinated with BIO1022 that introduces students to techniques and equipment used in experimental biology. Students take an inquiry-based, self-guided learning approach to the discovery of the mechanisms of evolution, plant and animal development, and growth, ecology and ecosystems. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.
Prerequisite(s): Corequisite: BIO1022.
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit

BIO2001 Genetics
This course provides students with the knowledge and analytical skills necessary to understand the principles of modern genetics. The nature of genes, genomes and chromosomes; mechanisms of recombination and mutation; Mendelian inheritance patterns; and genetic mechanisms underlying evolution are studied. Genetic studies performed on model organisms (such as bacteria, yeast and mold) are discussed to illustrate and reinforce genetic principles relating to human genetics and diseases.
Prerequisite(s): BIO1011, BIO1016, BIO1022, BIO1026.
Offered at Providence, Providence CE
3 Semester Credits

BIO2021 Functional Human Anatomy
This course studies the functional anatomy of the human organism organized by body systems. The lecture portion explores structural and functional relationships in the human body. The microscopic and macroscopic structure of human tissues, organs and organ systems are 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 BIO1026, or SCI1015, Corequisite: BIO2026.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

BIO2026 Functional Human Anatomy Laboratory
This course explores the anatomical structure of the human body through the use of anatomical models, dissection of mammalian specimens and examination of proscribed human cadavers. A regional/functional perspective is combined 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 BIO1026, or SCI1015, Corequisite: BIO2021.
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit

BIO2041 Human Physiology
This course examines the molecular, cellular and tissue-level processes involved in the function of human organ systems. Emphasis is on maintenance of internal homeostasis, organ system integration and components of human disease. Concurrent enrollment in BIO2046 Human Physiology Laboratory is required. Human Physiology (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.
Prerequisite(s): BIO1011 and BIO1016, or SCI1015, CHM1022 and CHM1026 or CHM1000 and CHM1006, Corequisite: BIO2046.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

BIO2046 Human Physiology Laboratory
This laboratory course allows students to collect, analyze and apply data to examine and understand human physiologic processes. Activities include experiments, computer simulations and measurement of physiologic activity in human subjects. Equipment commonly found in a medical setting is used. Human Physiology (lecture and laboratory) is designed to meet prerequisites for graduate programs in the health sciences.
Prerequisite(s): BIO1011 and BIO1016, or SCI1015, CHM1022 and CHM1026 or CHM1000 and CHM1006, Corequisite: BIO2041.
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit

BIO2201 General Microbiology
This course introduces the basic morphological, physiological and genetic aspects of various microbes, and explores the application of this information in medical, agricultural and industrial settings. Key topics include structure/function relationships, factors affecting the growth and control of microorganisms, microbial genetics and evolutionary mechanisms, host-microbe interactions, microbial ecosystems, and applied microbiology. Emphasis is on the relationship between developments in the field of microbiology and various aspects of modern society.
Prerequisite(s): BIO1011/BIO1016 or SCI1015 and (CHM1000/CHM1006 or CHM1022/CHM1026 or CHM2040), Corequisite: BIO2206.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

BIO2206 General Microbiology Laboratory
This is a laboratory companion course to be taken concurrently with General Microbiology. Students examine the properties of various microbes and factors affecting the growth and control of microbial agents. Throughout the term, students gain experience in light microscopy, pure culture and enrichment techniques, microbial identification, and enumeration. Emphasis is on appropriate and safe use of standard microbiological and molecular lab equipment and methods, as well as the ability to apply the scientific process.
Prerequisite(s): BIO1011/BIO1016 or SCI1015 and (CHM1000/CHM1006 or CHM1022/CHM1026 or CHM2040), Corequisite: BIO2201.
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit
**BIO2320 Exercise Physiology**
This course examines the human body's physiological response to acute physical activity and its adaptations to chronic exercise training. The course addresses how major body systems including nervous, endocrine, cardiovascular, respiratory, skeletal and muscular, function in cooperation with energy production to support physical activity and exercise. Also included is the role of exercise in maintaining a healthy body composition and weight, and how physical activity and exercise act to improve physical fitness and overall health and wellness over the long term.
Prerequisite(s): BIO1011/BIO1016 and BIO1022/BIO1026, or SCI1015. (OL)
Offered at Providence, Online, Providence
3 Semester Credits

**BIO3010 Principles of Biochemistry**
Biochemistry applies the knowledge gained in general and organic chemistry to biological systems. Students gain an understanding of metabolic pathways, energy production, and metabolic regulatory mechanism in eukaryotes and prokaryotes. Students 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 research fundamental biochemical techniques such as protein purification and enzyme kinetics.
Prerequisite(s): CHM2011, CHM2016.
Offered at Providence, Providence CE
3 Semester Credits

**BIO3040 Molecular Biology**
This course provides students with the opportunity to study current topics related to DNA replication, mutation, recombination and gene expression in prokaryotes, eukaryotes and their viruses. Students analyze primary journal articles that focus on the application of molecular biology in the health sciences, such as nutrigenomics, RNAi and epigenetic regulation. Additionally, students debate the ethics behind cloning and the genetic modification of organisms.
Prerequisite(s): BIO2001.
Offered at Providence
3 Semester Credits

**BIO3046 Molecular Biology Laboratory**
This course uses select technologies to probe the central dogma of biology: DNA-->RNA-->Protein. Students carry out experiments to extract, purify and modify DNA, RNA and proteins within a model organism. Students use bioinformatic techniques in the design of their experiments. This course helps students to identify appropriate technologies to use when performing molecular biology procedures and prepares students seeking an entry position in the field of biotechnology and/or entry into a graduate research lab.
Prerequisite(s): BIO2001, Corequisite: BIO3040.
Offered at Providence
1 Semester Credit

**BIO3070 Evolution**
This course provides a background into the mechanisms of evolution including natural and other forms of selection and the role of genetic variation, mutations and genetic drift in these processes. Problems associated with classification and inferring phylogenetic relationships between organisms are also examined. Other topics include a history of life on earth, causes of speciation and extinction, coevolution, human evolution and cultural evolution.
Prerequisite(s): BIO1011, BIO1016, BIO1022, BIO1026.
Offered at Providence
3 Semester Credits

**BIO3100 Coastal Ecology**
This course examines the characteristics of coastal marine habitats, the flora and fauna of these habitats, and their ecological relationships. Anthropogenic effects on coastal habitats are also examined.
Prerequisite(s): BIO1022 and BIO1026, Corequisite: BIO3106.
Offered at Providence
3 Semester Credits

**BIO3106 Coastal Ecology Laboratory**
This laboratory companion course coordinates with BIO3100. This course uses an inquiry-based learning approach to reinforce fundamental ecological concepts and introduce students to methods of data collection and analysis commonly used in ecology. Students are required to organize, analyze, interpret and present ecological data collected using various laboratory and field methods. Additionally, this laboratory course provides students with the opportunity to practice laboratory and field safety procedures. Special consideration is given to concepts and methods relevant to research conducted in the coastal environment.
Prerequisite(s): BIO1022 and BIO1026, Corequisite: BIO3100.
Offered at Providence
1 Semester Credit

**BIO4020 Integrative Biology**
Integrative biology is a capstone biology course that applies the fundamental biological concepts of genetics, molecular biology, biochemistry, evolution and ecology to explain biological systems from molecules to communities. This course uses primary literature and bioinformatics to explore microbial interactions, personalized medicine, and biomics. This course is paired with BIO4026 Integrative Biology Laboratory, which allows students to complete a senior research project tied to one of the major topic areas.
Prerequisite(s): BIO3040, Corequisite: BIO4026.
Offered at Providence
3 Semester Credits

**BIO4026 Integrative Biology Laboratory**
This course is a thematic laboratory experience associated with BIO4020 Integrative Biology. This course requires students to investigate a scientific problem through a laboratory, in silico, and/or field research study in one of the following areas: microbial host interactions, personalized medicine, or biomics. Students develop skills essential for becoming an active member of the scientific community and workforce, such as scientific literacy, experimental design, modern research techniques, data collection and analysis, and scientific oral and written communication.
Prerequisite(s): BIO3040, Corequisite: BIO4020.
Offered at Providence
1 Semester Credit

**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, BIO2026, Corequisite: BIO4046.
Offered at Providence
3 Semester Credits

**BIO4046 Functional Histology Laboratory**
This course supplements BIO4040, giving students a hands-on experience with microscopic investigation of the histological structure of mammalian tissues with a specific focus on human histology. The laboratory includes experience preparing tissue and making slides of animal tissue.
Prerequisite(s): BIO2021, BIO2026, Corequisite: BIO4040.
Offered at Providence
1 Semester Credit

**BIO4070 Fundamentals of Immunology**
This is a survey course that introduces students to basic concepts of immunology and fosters an understanding of the immunological processes that underlie human disease pathogenesis.
Prerequisite(s): BIO1011, BIO1016, BIO3010 or CHM3040.
Offered at Providence, Providence CE
3 Semester Credits
BIO4100 Senior Seminar in Biology
This is a capstone biology course that allows students to integrate all previous coursework to examine relevant topics in biology. Each term the course focuses on one such topic, and students are charged with finding, analyzing and critically discussing relevant primary journal articles related to that theme. Additionally, students are assigned a research project, for which they must complete a written report and oral presentation.
Prerequisite(s): BIO1011, BIO1016, BIO1022, BIO1026, CHM1022, CHM1026, MATH2010, senior status.
Offered at Providence
3 Semester Credits

BME3010 Biomaterials
This course focuses on the properties, structure, and design of biomaterials, biologic response and integration with them, and clinical considerations to biomaterials in the development of medical devices. Biomaterials is an interdisciplinary field of material science, engineering mechanics, chemistry and biology. Topics include structure and properties of materials, biomaterial manufacturing processes, surface properties of materials, biological interactions with biomaterials, biological integration with biomaterials, wound healing, coatings and adhesives, drug delivery, and regulatory and ethical issues related to biomaterials.
Prerequisite(s): CHM1000, CHM1006, ENGN3075 (or concurrent), SCI2031.
Offered at Providence
3 Semester Credits

BME3020 Biomechanics
Biomechanics is an undergraduate course that builds upon and applies the concepts in Physics I, Physics II, Statics, and Dynamics to human function and movement, and an introduction to viscoelasticity of tissues. This course covers the analysis of forces in static and dynamic biological systems; the application of stress and strain analysis to biological tissues, structure function relationships in tissues and organ systems, and instrumentation systems.
Prerequisite(s): (PHY1011, PHY1016) or (PHY2011, PHY2016), (PHY1022, PHY1026) or (PHY2022, PHY2026), ENGN3025.
Offered at Providence
3 Semester Credits

BME4010 Medical Imaging Modalities
Medical Imaging Modalities presents the fundamentals of multiple modalities of biomedical imaging and biological signal recording and provides students with exposure to the critical topics in mathematics, physics and computer science that constitute the conceptual core of modern medical imaging. An additional goal of the course is to familiarize the students with the standard clinical and research applications of the several imaging modalities available in most large hospitals and research institutions. Topics include clinical biomedical imaging modalities (e.g., x-ray, CT, ultrasound, MRI, PET), physics of imaging modalities, recordings of biological signals (e.g., EEG, ECOG, ECG), the use of stimulation devices in the body (e.g., pacemakers, TMS, DBS, focused ultrasound), and emerging imaging modalities.
Prerequisite(s): ENGN2101, ENGN2102, ENGN3025, SCI2031.
Offered at Providence
3 Semester Credits

BME4020 Interventional Physiology - Medical Device Innovation
This course examines the development of medical devices, instrumentation, pharmaceuticals, and emerging technologies. It introduces students to main aspects of biomedical innovation including the research, design constraints, standards and regulations to create a commercial medical product. Cases studies are selected from existing and emerging technologies including heart valves, vascular stents, joint replacement devices and instrumentation, neural stimulation techniques, biometrics, and artificial intelligence/machine learning technologies. Students review the anatomical and physiological context and constraints for the technology or device and compare how the technology/device relates to existing therapies. In addition to the physical and physiological aspects of innovation, students learn about industry and manufacturing regulation and quality, clinical trials, and bioethical aspects of the technology.
Prerequisite(s): BIO1011, BIO1015, SCI2031.
Offered at Providence
3 Semester Credits

BME4030 Biomedical Engineering Design
This capstone course is an intensive, semester-long, project-based course in which students select, plan for and design a novel device or technology or an improvement to an existing technology. Students work independently on a design or technical problem resolution in or in project teams to apply acquired discipline-specific skills and knowledge, develop leadership and collaborative abilities, and refine critical thinking, problem solving skills and project management skills. This course reinforces issues of intellectual property, bioethics and safety. Students submit their work for regular phase reviews on specific time schedules to monitor project progress, troubleshooting, quality and functionality of the prototype.
Prerequisite(s): BME3010, BME3020, BME4020.
Offered at Providence
3 Semester Credits

BPA1701 Foundations of Baking and Pastry
This course provides students with essential baking and pastry skills. Through hands-on learning, students apply skills, food science and theories that lay the foundation for advancing through all levels of the baking and pastry program.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA1710 Principles of Cake Production and Design
This course provides students with the skills and knowledge required for producing a variety of cakes using the appropriate mixing method. Students produce different types of buttercreams and icings to be used as fillings and for decorating. Students assemble, ice, stack, tier and finish using a variety of techniques to include buttercream, rolled fondant and glazing. Students develop skills in making various flowers using a range of mediums such asartificial, modeling chocolate, marzipan, rolled fondant and gum paste. Students are introduced to principles of cake economics which includes costing, pricing and contracts.
Prerequisite(s): BPA1701 (or concurrent).
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA1720 Plated Desserts
This course covers preparation and presentation of individual hot and cold plated desserts using a variety of plating techniques. Plate design and menu concepts for pre-plated and a la minute service are emphasized. Flavor and textural development are highlighted. Dietary restrictions are introduced and applied to menu creation.
Prerequisite(s): BPA1701 (or concurrent).
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA1730 Artisan Bread & Viennoiserie I
This course provides students with essential baking and pastry skills. Through hands-on learning, students apply skills, food science and theories that lay the foundation for advancing through all levels of the baking and pastry program.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA1740 Artisan Bread & Viennoiserie II
This course focuses on natural fermentation and commercial yeast applications in lean and enriched dough products. Properties and characteristics of ingredients, the baker’s percentage system, mixing techniques, controlled fermentation, and baking methodology are studied. Products include commercially yeasted breads, laminated dough and quick breads. Emphasis is placed on hand shaping skills and creating an efficient production schedule.
Prerequisite(s): BPA1701 (or concurrent).
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA1730 Artisan Bread & Viennoiserie I
This course focuses on natural fermentation and commercial yeast applications in lean and enriched dough products. Properties and characteristics of ingredients, the baker’s percentage system, mixing techniques, controlled fermentation, and baking methodology are studied. Products include commercially yeasted breads, laminated dough and quick breads. Emphasis is placed on hand shaping skills and creating an efficient production schedule.
Prerequisite(s): BPA1701 (or concurrent).
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA1740 Artisan Bread & Viennoiserie II
This course focuses on natural fermentation and commercial yeast applications in lean and enriched dough products. Properties and characteristics of ingredients, the baker’s percentage system, mixing techniques, controlled fermentation, and baking methodology are studied. Products include commercially yeasted breads, laminated dough and quick breads. Emphasis is placed on hand shaping skills and creating an efficient production schedule.
Prerequisite(s): BPA1701 (or concurrent).
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits
BPA1750 Chocolate, Sugar and Confections
This course provides students with an overview of the cultivation of cacao and the stages involved with the production of chocolate couvertures. Students develop skills and demonstrate an understanding of various chocolate tempering methods. Skills are reinforced through the production of various chocolates and mignardise such as hand dipped pralines, molded bonbons, truffles and petits fours sec utilizing various chocolates, fillings and finishing techniques. Students produce a variety of sugar confections and utilize decorative sugar mediums such as isomalt and pastillage.
Prerequisite(s): BPA1701 (or concurrent).
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA2710 Advanced Pastry Applications
This course allows students to build upon previous coursework to design and construct a variety of petits fours, petits gâteaux and entremets. Students also explore the production of modern pâte à choux and puff pastry items. Emphasis is placed on the finishing and display techniques used for various market segments.
Prerequisite(s): Completion of all freshman baking labs.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA2720 Artisan Cafe
This course introduces and incorporates foundational culinary skills as well as retail and beverage counter service within the context of a pop-up cafe. Station organization, culinary skills and techniques, and cafe management are emphasized with the integration of current industry trends. Students produce culinary menu items and utilize a variety of baked goods in their daily production. Hot and cold beverage service are introduced and incorporated.
Prerequisite(s): Completion of all freshman baking labs.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

BPA3080 French Baking & Pastry Arts- Ecole Nationale Superieure de Patisserie/ENSP
Delivered entirely abroad by partner organization faculty, this course is designed specifically for students who desire to increase and enhance their skills in French pastry and baking. Theory, demonstration and practice are used to develop skills and knowledge in the French approach to tarts and entremets, chocolate and sugar art, petits fours, plated desserts, sorbets, ice cream, bread and Viennese pastry. The course also includes an introduction to modern technologies and trends. Students master the techniques of baking and presenting/displaying products in an attractive manner in compliance with the rules of hygiene, traceability, health and safety as they apply to the kitchen. Small group settings provide personalized, interactive and efficient training. This course includes weekly “Survival French and Cultural Context” lessons.
Prerequisite(s): Completion of all Baking Pastry Arts freshman and sophomore labs, Corequisite: SOC3020.
Offered at Charlotte, Denver, North Miami, Providence
9 Semester Credits

BPA3710 Tiered and Themed Cakes
This course provides students with advanced knowledge and skills of designing contemporary wedding cakes/themed cakes using modern production and finishing techniques. Emphasis is on developing skills in piping, cake construction, gum paste flowers, and rolled fondant applications. Students learn the importance of managing their time, while producing tiered wedding cakes and themed bridal shower cakes.
Prerequisite(s): Completion of sophomore baking labs, junior status.
Offered at North Miami, Providence
3 Semester Credits

BPA3720 Viennoserie and Naturally Leavened Breads
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. The use of whole and specialty grains is covered as well as local and small-scale milling. There is a focus on sweet and savory enriched and laminated viennoserie 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): Completion of sophomore baking labs, junior status.
Offered at North Miami, Providence
3 Semester Credits

BPA3730 Decorative Breads and Advanced Viennoiserie
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. An additional focus is given to advanced viennoserie, including laminated doughs with sweet and savory applications.
Prerequisite(s): Completion of sophomore baking labs, junior status.
Offered at North Miami, Providence
3 Semester Credits

BPA3740 Contemporary Plated Desserts
This course focuses on the production and presentation of contemporary plated desserts. Students use foundational pastry methods, modern techniques and sensory analysis application to create desserts with a well-rounded flavor and plate profile. Emphasis is placed on the skills needed to develop and manage a dessert menu. Students apply fundamental and innovative pastry techniques to create and execute a contemporary multi-course dessert tasting menu with beverage pairings.
Prerequisite(s): Completion of sophomore baking labs, junior status.
Offered at North Miami, Providence
3 Semester Credits

BPA4710 Advanced Petits Gateaux, Mini Pastries and Buffet Presentation
This course focuses on the production and finishing of advanced petits gâteaux as well as the planning and execution of dessert buffets. Emphasis is on developing flavors, textures and decorative components used in high-quality buffet items. Students collaborate to create a presentation of buffet desserts developed with theme and season in mind.
Prerequisite(s): Completion of junior baking labs.
Offered at North Miami, Providence
3 Semester Credits

BPA4720 Advanced Chocolate and Sugar Artistry
This course covers advanced pralines, bonbons and confections using commercial production and finishing techniques. In addition, the course content includes aspects of planning, artistic design, preparation and arrangement of small showpieces made from chocolate, poured sugar, pulled sugar, blown sugar and pastillage.
Prerequisite(s): Completion of junior baking labs.
Offered at North Miami, Providence
3 Semester Credits

BUS1001 Introduction to Business and Management
This course provides students with a fundamental understanding of the global business environment. Students examine the major disciplines within business using business terminology and current business practices. Career exploration and development of professional interests and competencies are integral to this course. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

BUS3010 Business Analytics
This course explores the dynamic field of business analytics and how big data informs decisions made in accounting, advertising, finance, management, marketing and retail contexts. Students conduct analysis using multiple business intelligence platforms and tools. They learn to organize, analyze and create projections utilizing data sets. Students interpret, model and present data, as well as make data-driven decisions. This course uses a range of methods to demonstrate how analytical skills can be used in a variety of business circumstances to enable competitive advantage.
Prerequisite(s): FISV2000, MATH2001, MGMT2030. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
BUS4030 Global Strategy Capstone
This capstone course requires students to synthesize knowledge gained from previous coursework to make decisions in a simulated business environment. Understanding the key strategic opportunities and challenges associated with global business activity and developing skills in this area have become essential requirements for success. Students work in teams to compete against classmates as well as teams from other universities around the world. Teams are challenged to apply lessons in developing and executing global corporate strategy to their own simulated company. This course is designed to provide students with the knowledge, skills and business judgment to create sustainable competitive advantage within a global context.
Prerequisite(s): BUS3010, senior status. (FY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

BUS4799 College of Business Internship
Students enrolled in the College of Business Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the workplace. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success within their chosen profession.
Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, and 2) have completed 57 hours of course work. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3-12 Semester Credits

BUS6799 College of Business Graduate Internship
This course engages students in experiential learning to advance and refine their abilities as management professionals. Throughout the internship experience, students integrate graduate studies with previously acquired field/industry specific skills to support the operational/strategic initiatives of the host site and gain important insights into the leadership of successful ventures.
Prerequisite(s): Completion of a minimum of 27 credits by the commencement of the internship, 3.5 cumulative GPA. (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

BUS1000 Computer-Aided Drafting I
This course presents students with 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
4 Semester Credits

BUS1020 Computer-Aided Drafting II
This is an intermediate-level course in which students produce 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; 3-D wireframe/surface/solid modeling and analysis. Related lab projects are included.
Prerequisite(s): CAD1000, CAD1L00, Corequisite: CAD1L20.
Offered at Providence
4 Semester Credits

BUS1030 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
4 Semester Credits

BUS1100 Computer-Aided Drafting I Lab
In this course, students develop related lab projects from BUS1000
Computer-Aided Drafting I to enhance their ability to reinforce drafting concepts, software commands and file management.
Prerequisite(s): Corequisite: BUS1000.
Offered at Providence
1 Semester Credit

BUS1120 Computer-Aided Drafting II Lab
In this course, students develop related lab projects from BUS1020
Computer-Aided Drafting II to enhance their ability to reinforce drafting concepts, software commands and file management.
Prerequisite(s): Corequisite: BUS1020.
Offered at Providence
1 Semester Credit

BUS1130 3D Parametric Modeling Lab
In this course, students develop related lab projects from BUS1030
Computer-Aided Drafting III to enhance their ability to reinforce drafting concepts, software commands and file management.
Prerequisite(s): Corequisite: BUS1030.
Offered at Providence
1 Semester Credit

BUS2000 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): BUS1000, BUS1020.
Offered at Providence
1 Semester Credit

BUS2020 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, cogs, 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): BUS1030, BUS1030.
Offered at Providence
3 Semester Credits

BUS2030 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): BUS1030, BUS1030.
Offered at Providence
3 Semester Credits

BUS2040 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 local code is integrated with theory. Related lab assignments are based on individual projects and team projects.
Prerequisite(s): BUS1020, BUS1120.
Offered at Providence
3 Semester Credits

BUS2055 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
3 Semester Credits
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
3 Semester Credits

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, CAD2040.
Offered at Providence
3 Semester Credits

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
3 Semester Credits

CAD3075 Design for Manufacturing
This course applies the design process and parametric modeling to product design solutions. Models are developed for specific manufacturing processes using concepts of manufacturing methods and tools. Concepts of machining and fabrication, computer numerical control machine technology (CNC), rapid prototyping and simulation modeling software are explored.
Prerequisite(s): CAD1030, CAD1L30, ENGN3020 or ENGN3130.
Offered at Providence
3 Semester Credits

CAR0010 Career Management
This career management course focuses on preparing and empowering students to make effective career choices, demonstrate professionalism, identify and pursue internships, and begin to navigate their career direction. Students learn a variety of methods to personally brand themselves, enhance and customize their job search materials, and market themselves effectively to employers. Various job search, networking and interview techniques are reinforced. Other topics include personal financial management and exploring graduate-level programs.
Prerequisite(s): 60 semester credits. (OL)
Offered at Charlotte, Denver, North Miami, Providence
1 Semester Credit

CFIT2699 College of Food Innovation & Technology Intermediate Internship
Students enrolled in the College of Food Innovation & Technology Intermediate Internship engage in experiential learning to integrate knowledge and skills learned in the classroom within a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen professional field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations within the food industry. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness.
Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, 2) have completed all freshman courses, and 3) successful completion of FSM1165.
Offered at Charlotte, Denver, North Miami, Providence
3-12 Semester Credits

CFIT2799 College of Food Innovation & Technology Intermediate Internship
Students enrolled in the College of Food Innovation & Technology Intermediate Internship engage in experiential learning to integrate knowledge and skills learned in the classroom within a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen professional field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations within the food industry. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness.
Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.0 during the entire pre-program application process, 2) have completed all freshman courses, and 3) successful completion of FSM1165.
Offered at Charlotte, Denver, North Miami, Online, Providence
3-12 Semester Credits

CFIT4799 College of Food Innovation & Technology Advanced Internship
Students enrolled in the College of Food Innovation & Technology engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to leverage connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the food industry. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success within their chosen profession.
Prerequisite(s): To be eligible for this internship, students must: 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
3-12 Semester Credits

CHIN1001 Conversational Chinese I
This course requires active participation from students as they develop their skills in written and oral communication and reading and listening comprehension. Students learn more than 250 new vocabulary words, foundational grammar and basic verb tenses to facilitate understanding of the language used in everyday dialogues in the Chinese society. Students are introduced to the culture and geography of the Chinese-speaking world.
Offered at Providence
3 Semester Credits

CHIN1002 Conversational Chinese II
This course requires active participation from students as they develop their skills in written and oral communication and reading and listening comprehension. Students learn more than 250 new vocabulary words, foundational grammar and basic verb tenses to facilitate understanding of the language used in everyday dialogues in the Chinese society. Students are introduced to the culture and geography of the Chinese-speaking world.
Prerequisite(s): CHIN1001 or language placement.
Offered at Providence
3 Semester Credits

CHIN2001 Conversational Chinese III
This course requires active participation from students as they develop their skills in written and oral communication and reading and listening comprehension. Students learn more than 300 new vocabulary words and should be able to handle social interactions and written communication on everyday and familiar topics. Students are introduced to the culture and geography of the Chinese-speaking world.
Prerequisite(s): CHIN1002 or language placement.
Offered at Providence
3 Semester Credits
CHM1000 Foundations in Chemistry
This is a comprehensive course for those fields requiring knowledge of general chemical concepts. Emphasis is on applied areas of interest where aspects of atomic and molecular structure and function are particularly important. Topics covered include stoichiometry of chemical reactions, energy interrelationships between reactants, atomic structure and chemical bonding.
Prerequisite(s): MATH1020 or math placement, Corequisite: CHM1006.
Offered at Denver, Providence, Providence CE
3 Semester Credits

CHM1006 Foundations in Chemistry Laboratory
This is a laboratory companion course coordinated with CHM1000. Emphasis is on inquiry-based exercises that illustrate and demonstrate important skills and principles of theoretical chemistry and applied chemistry. Topics covered include stoichiometry of chemical reactions, energy interrelationships between reactants, atomic and molecular structure, and chemical bonding.
Prerequisite(s): MATH1020 or math placement, Corequisite: CHM1000.
Offered at Denver, Providence, Providence CE
1 Semester Credit

CHM1011 General Chemistry I
This is the first course in general chemistry. Students take an active-learning approach to the discovery of scientific measurements, atomic structure, stoichiometry, thermodynamics, electron configurations, bonding models for chemical compounds, VSEPR (Valence Shell Electron Pair Repulsion) and gases.
Prerequisite(s): MATH1020 or math placement, Corequisite: CHM1016.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CHM1016 General Chemistry I Laboratory
General Chemistry I is a laboratory companion course coordinated with CHM1011 which introduces students to techniques and equipment used in experimental chemistry. Students take a guided inquiry-based approach to the discovery of the structure of atoms, scientific measurements, proper calculations of chemical reactions, thermochemistry, spectroscopy and the states of matter. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.
Prerequisite(s): MATH1020 or math placement, Corequisite: CHM1011.
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit

CHM1022 General Chemistry II
This course is the second course in general chemistry. Students take an integrated learning approach to the discovery of intermolecular forces, properties of solutions, kinetics, equilibria, acid/base chemistry and electrochemistry.
Prerequisite(s): CHM1011, CHM1016, Corequisite: CHM1026.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CHM1026 General Chemistry II Laboratory
This is a laboratory companion course coordinated with CHM1022 that introduces students to techniques and equipment used in experimental chemistry. Students take an inquiry-based, self-guided learning approach to the discovery of acid-base reactions, calculations of chemical equilibrium, investigations into the structure of solids and liquids, behavior of gases under various conditions, and calculations of solution concentrations. Students also identify, when appropriate, the application of Green Chemistry procedures. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.
Prerequisite(s): CHM1011, CHM1016, Corequisite: CHM1022.
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit

CHM2011 Organic Chemistry I
This is the first course in the sequence of organic chemistry. In this course, students investigate carbon and its role in the formation of biomolecules. Emphasis is given to the classification of carbon-based reactions, naming of carbon-based compounds (alkanes, alkenes and alkynes), stereochemistry and spectroscopy.
Prerequisite(s): CHM1022, CHM1026, Corequisite: CHM2016.
Offered at Providence, Providence CE
3 Semester Credits

CHM2016 Organic Chemistry I Laboratory
This is a laboratory companion course coordinated with CHM2011 Organic Chemistry I that introduces students to techniques and equipment used in experimental organic chemistry. Students use an inquiry-based approach to the discovery of the synthesis of organic compounds, compound characterization using analytical techniques, and the development and evaluation of separation protocols. Students also identify, when appropriate, the application of Green Chemistry procedures. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.
Prerequisite(s): CHM1022, CHM1026, Corequisite: CHM2011.
Offered at Providence, Providence CE
1 Semester Credit

CHM2022 Organic Chemistry II
This course is a continuation of CHM2011 Organic Chemistry I. Emphasis is given to substitution and elimination reactions, alcohols, phenols, ethers and their sulfide derivatives, aldehydes, ketones, carboxylic acids and their derivatives, aromatic systems, amines, amidies, construction of carbohydrates, amino acids, and lipids.
Prerequisite(s): CHM2011, CHM2016, Corequisite: CHM2026.
Offered at Providence, Providence CE
3 Semester Credits

CHM2026 Organic Chemistry II Laboratory
This is a laboratory companion course coordinated with CHM2022 Organic Chemistry II, which introduces students to techniques and equipment used in experimental organic chemistry. Students take an inquiry-based approach to the discovery of reactions that produce alcohols, aldehydes, carboxylic acids, ethers, esters, amines, amidies, phenols, and aromatic compounds. Emphasis is given to proper synthesis and analytical evaluation of chemical reaction products. Students also identify, when appropriate, the application of Green Chemistry procedures. Additionally, this laboratory course provides students with the opportunity to practice laboratory safety, design experimental procedures, collect data, analyze results and discuss conclusions.
Prerequisite(s): CHM2011, CHM2016, Corequisite: CHM2022.
Offered at Providence, Providence CE
1 Semester Credit

CHM2040 Introduction to General and Organic Chemistry
This course examines the chemistry of carbon-containing molecules relevant to biological systems such as the human body, beginning with basic atomic structure, chemical bonding and reactions, and the chemistry of acids, bases, buffers and salts. Organic chemistry of all functional groups are examined, including saturated/unsaturated hydrocarbons, aldehydes and ketones, carboxylic acids, amines and alcohols. Emphasis is given to those compounds of biochemical importance.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CHM2050 Introduction to Organic Chemistry
This course is a one-term overview of organic chemistry intended for students in the health science fields. Nomenclature, properties and reactivity are covered for major organic functional groups, including alkanes, alkenes, alkynes, aromatics, aldehydes and ketones, carboxylic acids, amines and alcohols, alcohols, thiols, and sulfides. Emphasis is on those compounds, reactions and properties of biochemical importance.
Prerequisite(s): CHM1000, CHM1006 or CHM1022, CHM1026.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CHM2056 Introduction to Organic Chemistry Laboratory
This is a laboratory companion course coordinated with Introduction to Organic Chemistry. Emphasis is on inquiry-based exercises that illustrate and demonstrate important skills and principles of organic chemistry. Topics include solubility properties, basic organic chemistry laboratory techniques (including extraction and chromatography), and organic reactions with particular focus on those of interest to students in the nutrition and health science fields. Throughout this course, an evidence-based approach to exploration of organic laboratory experiments that are of interest to students in the nutrition and health science fields is emphasized.
Prerequisite(s): CHM1000, CHM1006, or CHM1022, CHM1026, Corequisite: CHM2050.
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit
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, SCI1015 or CHM2050, BIO1011/BIO1016. Offered at Charlotte, Denver, Providence, Providence CE 3 Semester Credits

CHM3046 Biochemistry Laboratory
This is a laboratory companion course coordinated with CHM3040. This course applies the basic concepts of biological chemistry to the laboratory setting. Emphasis is on inquiry-based experiments that ask students to explore fundamental concepts and experiments in biochemistry. Topics include experiments that focus on critical biochemical topics including biological buffer systems, amino acid/protein structure and properties, as well as the content of food and other biochemical topics of interest. Throughout this course, an evidence-based approach to exploration of organic laboratory experiments that are of interest to students in the nutrition and health science fields is emphasized. Prerequisite(s): CHM2040 or CHM2050 or SCI2045 or CHM2011/CHM2016, SCI1015 or BIO1011/BIO1016. Corequisite: CHM3040 or BIO3010. Offered at Charlotte, Denver, Providence, Providence CE 1 Semester Credit

CHM3200 Analytical Chemistry
Analytical chemistry is a measurement science that is used in chemistry as well as throughout all fields of science and medicine. This course introduces students to the theory and applications of quantitative analytical chemistry. Topics covered include statistical data analysis; equilibrium constants expressions; acid-base reactions; volumetric analysis; and fundamentals of spectroscopy, electrochemistry, and of separations science. Laboratory experiments include learning about analytical process, calibration of glassware and equipment, wet chemical analysis, electrochemistry, spectroscopy and chromatography. Prerequisite(s): CHM1022, CHM1026. Offered at Providence 3 Semester Credits

CHW4799 College of Health & Wellness Internship
Students enrolled in the College of Health & Wellness Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the fields of health and wellness. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success in their chosen profession. Prerequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 2.75 during the entire pre-program application process, and 2) have completed 57 hours of course work. (OL) Offered at Charlotte, Denver, Online, Providence 3-12 Semester Credits

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. (OL) Offered at Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

CJS1070 Criminal Courts
This course is an examination of the problems, policies and practices of the criminal court system with emphasis placed on the structure and organization of the court system. The role of the courts, from arrest to conviction and appeal, is explored. (OL) Offered at Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

CJS1090 Law Enforcement
This course is a survey of law enforcement agencies, their role, history and development within the field of criminal justice. Emphasis is placed on police administration, organization, management culture, relations within the community and technology. Offered at Denver, North Miami, Providence, Providence CE 3 Semester Credits

CJS2040 Corrections
This course is an introduction to corrections. It presents an historical look at punishment through the ages. Justification for punishment is explored including: retribution, deterrence, incapacitation, and rehabilitation. Various dispositions of prisoners are presented from capital punishment, transportation, galley slavery, and the eventual development of the prison. The evolution of prisons and acceptable conditions are discussed along with the advent of the prisoner rights movement. Offered at Denver, North Miami, Providence, Providence CE 3 Semester Credits

CJS2050 Criminology
This course is an overview of the study of criminal behavior. Major theories of the causes of crime are explored through an interdisciplinary approach emphasizing the sociological, psychological, scientific, medical, biological, psychiatric, psychoanalytic, economic, political, cultural, and other social and behavioral approaches. (OL) Offered at Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

CJS2085 Juvenile Justice
This course presents an analysis of the historical development of the juvenile justice system in the United States. The student is introduced to the changing view of juveniles from early America, when children were treated as little adults, through the nineteenth and twentieth centuries where they came to be considered as children and adolescents that had to be protected from abusive families and their environment. Socializing agents such as the family, schools and peers are studied as to their influence on the development of delinquency. Youth are studied as victims of crime, as perpetrators of crime, and their likelihood to become involved with gangs. Additionally, law enforcement, the courts and corrections are studied to show their impact on delinquency. Prerequisite(s): Sophomore status. (OL) Offered at Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

CJS2150 Criminal Justice Ethics
At the core of every aspect of the field of criminal justice is an ethical dilemma involving human behavior and individual decision-making. As such, this course will provide an in-depth examination of the three major schools of ethical thought (virtue, formalism, and utilitarianism) in order to illustrate how individual ethics directly influences decision-making, and to help students develop comprehensive ethical reasoning skills. Through the examination of hypothetical case studies, actual criminal justice events, and extensive debate, this course will explore the three major areas of criminal justice to include law enforcement, courts, and corrections, in order to provide students with the opportunity to observe and evaluate the direct connection between ethics and specific aspects of the criminal justice system. Offered at Denver, North Miami, Providence, Providence CE 3 Semester Credits

CJS3033 Community Policing
This course is a historical examination of the strategies utilized by the police in America. It examines Sir Robert Peel and the development of the first paid police department in London in 1829. The course presents the evolution of policing as emigration in America increased and its population became more diversified. Students will come to understand how policing is a partnership with the community and how the roles of all must be considered in the development of a policing program. Prerequisite(s): CJS1090. Offered at Denver, Providence, Providence CE 3 Semester Credits
CJS3075 Criminal Investigation  
In this course, the student is exposed to the fundamentals of criminal investigation. Emphasis is placed on the collection and evaluation of crime scene evidence related to specific crimes (i.e., homicide, arson, burglary, etc.). Since criminal investigation must be conducted within the framework of our constitutional system of government, opinions of the United States Supreme Court that affect the collection of evidence are emphasized.
Prerequisite(s): CJS1090. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

CJS3450 Comparative Criminal Justice  
This course comparatively examines major criminal justice institutions within the United States and around the world, and also provides an in-depth examination of existing international criminal justice systems and the shared critical issues existing both domestically and internationally. The course offers a comprehensive examination of a variety of transnational crime-related issues, and explains the systems currently in place globally for addressing issues involving crime prevention, law enforcement, adjudication and corrections. Students identify and analyze the common and differing procedural aspects involved in investigating, prosecuting, defending and adjudicating criminal cases in international jurisdictions, as well as the differing global definitions of appropriate punishment including concepts of financial, corporal and capital punishment.
Offered at Denver, North Miami, Providence, Providence CE
3 Semester Credits

CJS3820 Cyber Crimes  
In this course, students explore the rise and evolution of crimes involving computers and the Internet that are fast becoming the most prolific area of criminal activity in the 21st century. This course distinguishes between crimes in cyberspace and cyber-terrorism as a form of warfare upon the global community. It defines cyber crimes (including type, nature, and origin) and the expanding criminalization of computer and Internet conduct involving concepts of privacy violation, information protection and unauthorized access of digital data. An analysis of existing and new domestic and international law enforcement innovations that prohibit digital crimes is also covered.
Prerequisite(s): LAW3025. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

CJS3850 Homeland Security  
This course provides an in-depth foundation for understanding the wide range of agencies and activities involved in the field of homeland security, and the varying roles that individual terrorists, terrorist groups and state sponsors of terrorism play in the formulation of the domestic and international homeland security policy of the United States. Students are provided with a comprehensive overview of the legal aspects of homeland security, and the role that intelligence and counterintelligence play in the formulation of the domestic and international homeland security policy. Additional topics include the proliferation of weapons of mass destruction, border security and immigration, and the financing of terrorist activity via a wide range of highly organized criminal activities occurring both domestically and internationally. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

CJS4045 Criminalistics with Lab  
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 science 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
3 Semester Credits

CJS4050 Advanced Topics in Criminal Justice  
This course is a seminar that provides students with an opportunity to learn about a wide range of issues in the criminal justice system. Emphasis is on the theoretical and practical application of knowledge gained from the research and writing of criminal justice professionals. 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
3 Semester Credits

CJS4060 Advanced Topics in Criminalistics  
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 or CJS4045.
Offered at North Miami
3 Semester Credits

CJS4065 Advanced Topics in Criminalistics with Lab  
This course provides students with specific topics in the advanced study of forensic science as part of a two-term format. Emphasis is on the application of advanced and specialized areas of forensic science encountered during criminal investigations. Topics include advanced topics of forensic pathology, pattern and impression evidence, blood spatter analysis, photography, fingerprint examination, and forensic applications of the social science and legal/ethical issues in forensic science.
Prerequisite(s): CJS4040 or CJS4045.
Offered at North Miami, Providence, Providence CE
3 Semester Credits

CJS4080 Criminal Justice Senior Seminar  
This course presents an overview and analysis of the American criminal justice system in a capstone seminar format. The course examines criminal and constitutional law, criminology, law enforcement and investigation, courts, corrections and juvenile justice through the use of critical thinking, research, writing and discussion.
Prerequisite(s): CJS4030 or RSCH2050, senior status.
Offered at Denver, North Miami, Providence, Providence CE
3 Semester Credits

CJS5610 Advanced Administration of Criminal Justice  
This course is a seminar that provides students with an opportunity to learn more about organizational and administration theories and how they apply to the criminal justice system. Theoretical knowledge is linked with best practices in law enforcement, court and correctional agencies. The course is intended to be an advanced seminar for graduate students; much of the work is scenario-based. (OL)
Offered at Online
3 Semester Credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Offered At</th>
<th>Prerequisite(s)</th>
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</thead>
<tbody>
<tr>
<td>CJS5620</td>
<td>Contemporary Criminology and Crime Prevention</td>
<td>3</td>
<td>Online</td>
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<td></td>
<td>This course provides a strong academic background in criminological theory and helps students develop</td>
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<td>critical evaluation skills to assess the efficacy of particular theories. Students have the opportunity</td>
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<td>to connect criminological theory to criminal justice policy and practice. Crime prevention examples and</td>
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<td>techniques are used throughout the course to teach students how to apply theory to practice. Critical</td>
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<td>thinking and communication skills are utilized throughout. This course is intended to be an advanced</td>
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<td></td>
<td>seminar for graduate students. (OL)</td>
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<td>Offered at Online</td>
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<tr>
<td>CJS5630</td>
<td>Advanced Legal Issues in Criminal Justice</td>
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<td>This course is a seminar that provides students with an opportunity to learn more about legal issues</td>
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<td>and implications in the context of criminal law. The course is intended to be an advanced seminar for</td>
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<td>graduate students, and provides students with a challenging and rigorous experience in legal</td>
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<td>thinking and applications.</td>
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<td>Prerequisite(s): CJS5610 or RSCH5700. (OL)</td>
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<td>Offered at Online</td>
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<td>CJS5650</td>
<td>Criminal Justice Ethics and Diversity in a Global Environment</td>
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<td></td>
<td>This course examines applied ethics in criminal justice practice. By applying moral philosophy to a</td>
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<td>variety of different scenarios, students gain valuable skills in ethical decision-making for the</td>
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<td>diverse global environment of the criminal justice workplace. This course examines professional ethics</td>
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<td>for the courtroom, in law enforcement, in corrections, and while doing research. The goal of this course</td>
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<td>is not to present a single unified ethical system in the criminal justice field, but to expose students</td>
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<td>to a variety of thought-provoking ethical behaviors, and allow students to explore relevant ethical</td>
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<td>dilemmas faced by individuals working in the criminal justice system or subject to the control of the</td>
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<td>criminal justice system. (OL)</td>
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<td>Offered at Online</td>
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<tr>
<td>CJS5660</td>
<td>Juvenile Justice Issues</td>
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<td>Online</td>
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<td>This course begins with a brief history of the juvenile justice system and an overview of current</td>
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<td>juvenile justice agencies and processes. Current issues and trends in the field of juvenile justice and</td>
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<td>juvenile crime prevention are explored in more detail with a focus on evidence-based practice.</td>
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<td>Prerequisite(s): CJS5620. (OL)</td>
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<td>Offered at Online</td>
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<tr>
<td>CJS5670</td>
<td>Special Needs Populations in the Criminal Justice System</td>
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<td>This course addresses the growing recognition that a large proportion of individuals who come into</td>
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<td>contact with the criminal justice system have special needs. Practical examples from law enforcement,</td>
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<td>courts and corrections highlight the issues faced by special needs populations and the ways to address</td>
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<td>these issues through policy and practice.</td>
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<td></td>
<td>Prerequisite(s): CJS5620 (or concurrent). (OL)</td>
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<td>Offered at Online</td>
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<tr>
<td>CJS5680</td>
<td>Global Criminal Justice Issues</td>
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<td>Online</td>
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<td>This course provides students with an overview of transnational crimes and the international responses</td>
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<td>to those crimes. Topics include drug trafficking, human trafficking, weapons trafficking, cybercrime</td>
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<td></td>
<td>and transnational environmental crime. Students gain an understanding of the nature and extent of</td>
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<td>transnational crimes and the challenges facing crime prevention and control efforts.</td>
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<td></td>
<td>Prerequisite(s): CJS5610 (or concurrent). (OL)</td>
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<td>Offered at Online</td>
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<tr>
<td>CJS5690</td>
<td>Technology and GIS in the Criminal Justice System</td>
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<td>Online</td>
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<td></td>
<td>This course is designed to give students a glimpse into how technology is being used in the criminal</td>
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<td>justice system and the social issues stemming from that use. Broken into 2 parts, students first</td>
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<td></td>
<td>examine basic controversies surrounding technology as it relates to citizen rights and its use in</td>
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<td>policing, courts and corrections. The second section dives into the widespread practice and theory of</td>
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<td>using geographic information systems/science (GIS) in crime mapping. Students are expected to read up-</td>
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<td>to-date academic literature on current discussions surrounding each section and defend positions on the</td>
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<td>favorability of its use or application.</td>
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<td></td>
<td>Prerequisite(s): RSCH5700. (OL)</td>
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<td>Offered at Online</td>
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<tr>
<td>CJS5780</td>
<td>Social, Community and Restorative Justice</td>
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<td>Online</td>
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<td></td>
<td>This course examines the concepts of social justice, community justice and restorative justice. Topics</td>
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<td>include strategies for planned change that address social justice issues like racism, economic</td>
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<td>inequality, sexism and poverty. Students explore how programs based on different justice models can be</td>
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<td>utilized to improve public safety.</td>
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<td></td>
<td>Prerequisite(s): CJS5620 (or concurrent). (OL)</td>
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<td>Offered at Online</td>
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<tr>
<td>COHM3010</td>
<td>The Tiefel Project Seminar I</td>
<td>1.5</td>
<td>Charlotte,</td>
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<td></td>
<td>Tiefel Project I is the first of two application-based seminar courses through which students selected</td>
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<td>Denver, North</td>
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<td></td>
<td>as Tiefel Student Scholars develop a problem-based research project related to a current issue/topic in</td>
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<td>Miami, Providence</td>
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<td>the hospitality industry under the guidance of JWU faculty and industry leaders. During this first</td>
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<td>seminar, students work collaboratively to develop a formal research proposal to be reviewed by industry</td>
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<td></td>
<td>mentor/s. Students also engage in collecting data focused on answering their research questions.</td>
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<td></td>
<td>(Hybrid Delivery).</td>
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<td></td>
<td>Prerequisite(s): Selection as a Tiefel Student Scholar, sophomore status. (HY)</td>
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<td></td>
<td>Offered at Charlotte, Denver, North Miami, Providence</td>
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<tr>
<td>COHM3020</td>
<td>The Tiefel Project Seminar II</td>
<td>1.5</td>
<td>Charlotte,</td>
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<td>Tiefel Project II is the second of two application-based seminar courses through which students</td>
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<td>Denver, North</td>
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<td>selected as Tiefel Student Scholars complete a problem-based research project related to a current</td>
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<td>issue/topic in the hospitality industry under the guidance of JWU faculty and industry leaders.</td>
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<td>During this final seminar, students complete an approved research project supported by assigned JWU</td>
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<td>faculty serving as Tiefel Faculty Fellows. Additional guidance is provided through periodic</td>
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<td>touchpoints with one or more industry mentors. Students also develop and deliver formal presentations</td>
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<td>to share findings with diverse audiences. The culminating presentation event takes place through The</td>
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<td>Tiefel Project Showcase. (Hybrid Delivery)</td>
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<td>Prerequisite(s): Selection as a Tiefel Student Scholar, sophomore status. (HY)</td>
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<td></td>
<td>Offered at Charlotte, Denver, North Miami, Providence</td>
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COHM3799 College of Hospitality Management Intermediate Internship
Students enrolled in the College of Hospitality Management Intermediate Internship engage in experiential learning to integrate knowledge and skills learned in the classroom within a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the hospitality industry. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness. Preerequisite(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 57 hours of course work. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3-12 Semester Credits

COHM4799 College of Hospitality Management Advanced Internship
Students enrolled in the College of Hospitality Management Advanced Internship engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and managerial skills development in a professional setting. Through the internship, students gain valuable applied experience and have the opportunity to leverage connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the field of hospitality management. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success in their chosen profession. Prequisite(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 57 hours of course work. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3-12 Semester Credits

COHMM6799 College of Hospitality Management Graduate Internship
Students enrolled in the College of Hospitality Management Graduate Internship engage in experiential learning to advance and refine abilities as management professionals. Throughout the internship experience, students integrate graduate studies with previously acquired field/industry specific skills to support the operational/strategic initiatives of the host site and gain important insights into the leadership of successful ventures. Prequisite(s): To be eligible for this internship, students must: 1) maintain a cumulative GPA of 3.5, and 2) approval of department chair. (OL) Offered at Denver, North Miami, Online, Providence 3 Semester Credits

COMM1001 Introduction to Communication
In this course, students receive an overview of communication, beginning with a history of the field. Careful attention is paid to the various traditions of communication, such as nonverbal, interpersonal, organizational, intercultural, rhetorical and mediated. Throughout the course, students learn how to apply theories of power and identity, language and culture, and self and other to their professional and personal lives. (OL) Offered at Online 3 Semester Credits

COMM1200 Communicating for Social Change
In this course, students focus on the use of media to enable participation in the processes that can lead to social change. Media and communication can facilitate social change that has a direct effect on many diverse constituencies, especially those that are often underrepresented. This effect may be felt in areas such as hunger, poverty, gender discrimination, healthcare, human trafficking, and human rights. The foundation to enable change is derived from communication processes that include strong dialogue between multiple stakeholders. In this course, students learn strategies to identify areas of significant need, analyze stakeholders, and develop effective messages to facilitate social change. (OL) Offered at Online 3 Semester Credits

COMM2150 Visual Communication
In this course, students learn how we make sense of the visual culture in which we live. They become proficient in the language of visual communication by studying the roots of the field and the key concepts that scholars and practitioners use to analyze drawings, paintings, photographs, video and film. Students also create an original project. The course concludes with the dissemination and reception of the project. Prerequisite(s): ENG1021 or ENG1027. (OL) Offered at Online 3 Semester Credits

COMM2400 Communicating in Relationships
In this course, students examine interpersonal communication concepts and theories in a variety of everyday settings including both intimate and non-intimate. They gain an understanding of the effects of language, nonverbal and verbal messages, listening, and self-awareness. They also survey behaviors and strategies in forming, maintaining and terminating relationships to consider which communication habits and behaviors are successful. Finally, students assess conflict management through observation and participation in interpersonal relationships. Prerequisite(s): ENG1021 or ENG1027. (OL) Offered at Online 3 Semester Credits

COMM3150 Organizations, Power, and Identity
Students focus on the theories, models, processes and concepts within the discipline of organizational communication. They understand how power and identity shape and influence organizations and how leadership and management contribute in these areas in contemporary organizations. Students also learn how management and employee interactions are examined and assessed in order to achieve effective organizational communication. Moreover, students come to understand effective internal and external communication methods to create positive organizational networks. Additionally, they survey organizational culture and climate as part of an institution's identity. Prerequisite(s): ENG1021 or ENG1027. (OL) Offered at Online 3 Semester Credits

COMM3400 Communicating Across Cultures
In this course, students focus on how to communicate effectively in an increasingly interconnected and globalized world. They learn how to explain the various dimensions of culture with the purpose of expanding their worldview and perception of various audiences. Students develop personal and professional knowledge to consciously and confidently exchange messages with various populations. Prerequisite(s): ENG1021 or ENG1027. (OL) Offered at Online 3 Semester Credits

COMM4150 The Elements of Persuasion
In this course, students consider the power of persuasion and how to critically absorb such messaging. Instruction begins with an overview of the study of persuasion, including both philosophy and theory. Students examine sender and receiver roles in influential messaging, as well as ethical, cultural and contemporary considerations. As a final project, students produce an original work that demonstrates their understanding and application of the theories and techniques of persuasion discussed in class. Prerequisite(s): ENG1021 or ENG1027. (OL) Offered at Online 3 Semester Credits

COMM4500 Communication Research Methods
In this course, students study various types of communication research methodologies, including qualitative (e.g., interviewing, focus groups) and quantitative (e.g., surveys, experiments) methods and become acquainted with various ways of interpreting communication research data to be knowledgeable consumers and effective producers of communication research. Students select from the methodologies presented in the course to initially identify their own communication-based research question. Students then use their question as the focus for a research project to prepare them for the communication capstone course. Prerequisite(s): COMM1001, ENG1021 or ENG1027, senior status. (OL) Offered at Online 3 Semester Credits
COMM4900 Communication Capstone
In this course, students synthesize knowledge from the required major courses and apply that knowledge to an original research project that addresses a relevant communication issue. In particular, students gather data, generate results, and formulate a discussion about the meaning of the results. By the end of the course, students have a project that can be shared with a variety of audiences.
Prerequisite(s): COMM1001, COMM4500, ENG1021 or ENG1027, senior status. (OL)
Offered at Online
3 Semester Credits

COMM5200 Leadership Communication
To ensure maximum effectiveness, every organization — large or small, private or nonprofit — requires communication. From a leadership perspective, communication is not only necessary but must be meaningful in order for stakeholders to accept and commit to leaders' ideas. This course examines how leaders in today's business world use their organizations' emotional resources to create institutional direction and vision; inspire and align followers; manage conflict and critical change; encourage team development; and foster a culture of inclusivity and productivity. The course also discusses the roles played by leadership style, interpersonal relationships, systems theory, technology and globalization in helping leaders create meaningful and impactful messaging throughout organizations. (OL)
Offered at Online
3 Semester Credits

COMM300 Storytelling as a Business Tool
There are those individuals — in personal and/or professional circles — who are able to hold and command attention with their words. They blend art with skill to successfully capture the ideas, images and visions that enthral and captivate their audience. These unique individuals are storytellers, and in the business world, they lead by creating vision, aligning employees, building community, and clarifying the need for organizational changes. This course examines the various forms of workplace communication storytellers employ to deliver their message and how they craft the most appropriate message for maximum impact on a targeted audience. Students have the opportunity to study various elements of quality storytelling and to develop their own organizational message using best practices. (OL)
Offered at Online
3 Semester Credits

COMM6200 Strategic Communications
This course examines an array of theoretical foundations as well as approaches and emerging research on the practice of strategic communication on individuals, groups and organizations. Students are exposed to ways that organizations use purposeful communication to achieve organizational goals. This course also introduces mass communication approaches, while emphasizing ethical methods to persuasive communication. Students are challenged to develop approaches to creative messaging in the social media and strategic communication plans of their own organizations.
Prerequisite(s): COMM5200, IBUS6020. (OL)
Offered at Online
3 Semester Credits

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 experience-based learning exercises, students work from a problem statement, conduct a task analysis to solve the problem, decide what data is needed to solve the problem, create a visual representation of their solution, and then convert the visual representation to a textual step-by-step statement of their solution. Students 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. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

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 or ENGN1015.
Offered at Providence
3 Semester Credits

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.
Offered at Providence
3 Semester Credits

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
3 Semester Credits

CSIS1101 Computer Science I
This course teaches students to think algorithmically and solve problems efficiently. This course is designed to present an introduction to computer science discipline; an understanding of core algorithmic concepts (e.g., control structures, assignment, decision structures, mathematical/Boolean operations, etc.); an introduction to structured computer programming languages, problem classification, program development and specification; software development planning techniques; debugging techniques; an introduction to the power of development environments; and documentation of software projects. Students design algorithms to solve problems and learn how to translate these algorithms into working computer programs. Experience is acquired through programming projects in a high-level programming language.
Prerequisite(s): CSIS1000. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

CSIS1112 Computer Science II
This course further enhances students' understanding of computer science theory and methods and provides an introduction to the study of important algorithms. Main themes include designing with appropriate data structures (Advanced Data Types — ADTs) and classic algorithms, and analyzing the efficiency of the algorithms developed. Classic algorithms studied include those used for recursion, sorting, searching, graph algorithms and maintaining dynamic data structures. ADTs are presented from a generic/usage-oriented perspective.
Prerequisite(s): CSIS1101. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

CSIS2018 Advanced Data Structures
This is an essential course in the adaptation of ADTs for use in solving complex or computationally expensive problems efficiently. This course provides students with the implementation level details of various ADTs as they are applied to solving a wide array of problems. The course provides advanced programming techniques for implementing ADTs such as recursion. Students also gain an appreciation of the trade-offs between competing ADT solutions as they pertain to problem solving.
Prerequisite(s): CSIS1112. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits
CSIS2023 Survey of Programming Languages
This course examines the evolution of programming languages and the nature of various types of computer languages, concentrating on their suitability, efficiency, and effectiveness as they pertain to particular problem domains. General concepts common to all programming languages are discussed to facilitate learning new languages. Language paradigms (i.e., logic, functional, procedural, object-oriented) are compared and implementation strategies are discussed.
Prerequisite(s): CSIS2018, ENGN2014 or CYB2010. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

CSIS2030 Database Concepts
This course introduces students to the function of a database environment. The importance of databases to modern systems development provides the motivation for examining data structures and models as they relate to user needs. Relational data models are emphasized along with query languages and user-friendly packages. The various data structures and file storage techniques used with hierarchical, network and relational data management issues are developed. Out-of-class assignments are completed by all students.
Prerequisite(s): CSIS1000 or CSIS1101 or FIT1014 or FIT1040. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

CSIS2045 Introduction to Operating Systems
This course includes a survey of the functional characteristics of complex operating systems and an introduction to the basic techniques of operating systems design. The course discusses the topics of hardware configuration, channel operation, interrupts, register functions, multiprocessing, multiprogramming, timesharing and JCL.
Prerequisite(s): CSIS1020 or CSIS1040 or CSIS1101. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

CSIS2050 Advanced Programming Concepts
This course is designed to provide the student with an advanced understanding of the relationship between hardware and software through the use of higher level language (C programming language) facilities. Students learn how to create programs that interface with computer peripherals. Program design, coding, debugging, testing, execution and documentation are reinforced.
Prerequisite(s): CSIS1020 or CSIS1101.
Offered at North Miami, Providence, Providence CE
3 Semester Credits

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
3 Semester Credits

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
3 Semester Credits

CSIS2075 Interface Design for Mobile Devices
This course addresses the unique features and limitations of small, mobile computing devices such as smartphones and tablets. These devices are different from the traditional computing platforms in that they typically do not have mechanical keyboards or pointing devices, but use touch screens as the primary interface. The use of the screen as both the input and output device, the small size of the device, and the added features such as telephony, global positioning, accelerometer and camera provide both challenges and opportunities for the application developer. This course prepares students for application development for mobile computing devices.
Prerequisite(s): Sophomore status. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

CSIS2080 Database Design
This course provides a foundation for the systems-development effort of using fourth and fifth generation tools in database environments by systemically 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. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

CSIS3070 Exploring Mobile Application Development with the iPhone
This course familiarizes students with the fundamentals of mobile platform development. The basics of Objective-C, Cocoa Touch and the iPhone SDK are taught in order to explore the limitations and concerns associated with handheld device user interfaces as well as features such as accelerometer detection, location-awareness, multi-touch input and real-time notification.
Prerequisite(s): CSIS1101. (HY)
Offered at North Miami, Providence
3 Semester Credits

CSIS3075 Mobile Application Development with Android
This course extends students' programming interests 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 include the use of services that the Android operating system provides on the mobile platform.
Prerequisite(s): CSIS1101. (HY)
Offered at North Miami, Providence
3 Semester Credits

CSIS3106 Software Verification, Validation, Testing and Security
This course covers methods for evaluating software for correctness and reliability, including code inspections, program proofs and testing methodologies. Students learn formal and informal proofs of correctness, code inspections and their role in software verification, unit and system testing techniques, testing tools and limitations of testing. Statistical testing and reliability models address the testing of large scale systems. Students learn techniques for developing secure code, including: software data flow analysis, secure access, using cryptography, eliminating data residue and the need for content checking.
Prerequisite(s): CSIS2045, ITEC2085.
Offered at North Miami, Providence
3 Semester Credits

CSIS3126 Design Project I
This course is designed to allow for mid-program evaluation of the software development skills and abilities of students. Under the direction of faculty, students develop a solution to a complex problem (agreed upon with faculty) to be completed strictly within one semester. Students must utilize all of the skills learned thus far in the program to complete the task required.
Prerequisite(s): CSIS2018, ENGN2014 or CYB2010. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits
CSIS4010 Software Engineering
This course covers development life cycle choices, software code management, software project cost analysis, tools for developing software, productizing software, documenting software products, development effort estimating, software development team dynamics, and emerging trends in the software engineering field.
Prerequisite(s): CSIS3106, PRMG2010.
Offered at North Miami, Providence
3 Semester Credits

CSLG2030 Counseling Theories and Techniques
This course is an introduction to the methods, major theories and techniques of counseling. A wide range of settings are considered, as well as a large range of topics, including dysfunctional families, domestic violence, incest, suicide prevention, drug and alcohol abuse, sociopathic personalities and multicultural issues.
Prerequisite(s): PSYC1001. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

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): CSLG2030, PSYC1001.
Offered at Denver, Providence, Providence CE
3 Semester Credits

CSLG2040 Introduction to Career and School Counseling
This course is designed to help students become competent in the use of educational and occupational information in counseling-related activities. Particular emphasis is on how information is processed in planning, establishing and managing careers from a life-span perspective.
Prerequisite(s): CSLG2030, PSYC1001.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

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 is 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): CSLG2030, PSYC1001, PSYC2040.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CSLG3001 Introduction to Case Management
This course introduces students to the required case management responsibilities for counselors. Its focus is on the skills and attitudes needed to meet accepted principles of patient management and the necessity of adhering to ethical guidelines. It concentrates specifically on such major aspects of case management as patient privacy rights and confidentiality, accuracy in intake preparation, assessment and screening reports, progress reports and treatment goals, discharge summaries and aftercare planning, and general documentation. The student gains a general knowledge of state and federal regulations for counselors as they apply to record keeping. Focus is also on understanding the referral process and identifying linkages to other community settings.
Prerequisite(s): CSLG2030, PSYC1001.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CSLG3005 Introduction to Crisis Intervention
This course offers students an introduction to clinical crisis intervention by examining the theories, strategies and skills essential to de-escalating and resolving conflict in crisis situations. Topics on suicide prevention, addictions and suicide, violence and addictions and aggression management are explored. Models for assessing and responding to crises are explored. Topics such as medical and psychological traumas, post-traumatic stress disorder and professional burnout are part of the curriculum as well as theoretical and ethical implications in crises.
Prerequisite(s): CSLG2030, PSYC1001.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CSLG3010 Principles of Group Counseling
This course provides students with fundamental knowledge of the dimensions of group counseling through attention to its process, dynamics and practice. It focuses on such topics as the development of group counseling as well as the ethical issues and theoretical approaches central to an understanding of the practice. This course also offers experiential training in group facilitation, with opportunities to practice effective strategies by exploring task facilitation, psycho-educational counseling and psychotherapy groups.
Prerequisite(s): CSLG2030, PSYC1001.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CSLG3040 Counseling Techniques for Addictions and Other Behavioral Disorders
This course focuses on the special skills and techniques required to effectively counsel the addicted and behaviorally disordered client. Development and utilization of advanced treatment planning and client management training are featured. In addition, it addresses the wide range of ethical issues inherent in all steps identified within the scope of practice for addiction professionals and found in recovery support services. The course examines issues that may arise during initial screening, during treatment planning, and as a client progresses through treatment implementation and moves into recovery. Throughout this course, students are asked to relate various points to their own situations, consider the various perspectives presented, and develop an ongoing awareness of their choices, decisions and behaviors in light of the ethical standards outlined by NAADAC.
Prerequisite(s): CSLG2030, PSYC1001.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CSLG3050 Introduction to Marriage and Family Therapy
This course is designed to provide students with an introduction to conducting couples and family therapy. The primary objective of the class is to assist students with translating theories into practice. Students study issues such as divorce, remarriage, step-parenting, couples therapy, drug and alcohol abuse in couples and families, and the LGBTQ couple and family dynamics. In addition, each student presents a family therapy case, providing students the opportunity to learn from their own practical therapy case experiences.
Prerequisite(s): CSLG2030.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

CSLG4009 Internship in Counseling Psychology
This is a capstone course focusing on the practice of applied psychology in various service agency settings. The course requires students to demonstrate an ability to integrate theory, research and practice in the context of a supervised counseling experience. The internship is a placement directed by a supervisor on site as well as by a program faculty member who meets with students in a weekly seminar in which counseling methods and techniques are critically analyzed and further developed. Students must complete 204–220 hours at the community agency placement site.
Prerequisite(s): To be eligible for this internship, students must: 1) have a GPA of 2.75 in their major courses, 2) have completed 90 hours of course work, 3) have the permission of the program director and faculty adviser and 4) have successfully completed the courses: CSLG2030, CSLG3001 and PSYC2002.
Offered at Charlotte, Denver, Providence, Providence CE
6 Semester Credits
CSLG5100 Advanced Career Counseling
This course orients students to career development theories, career counseling procedures and techniques, career assessment tools, career development program planning, and sources of occupational information. Students learn and critically evaluate the major career counseling theories. Students also learn how to effectively conduct career counseling and integrate career counseling into traditional counseling/psychotherapy.

CSLG5150 Counseling Across the Lifespan
This course is designed for students/practitioners who are intending to enter the counseling field. This course helps students to view their clients from a developmental perspective with the understanding that development does not take place in isolation; rather, human development is deeply embedded within and inseparable from the context of family, social network and culture. Students analyze the basic assumptions held by behaviorists, constructivists, developmental systems theorists and nativists, and consider how these paradigms influence knowledge about human behavior. This course is also designed to help counselors recognize the importance of individual and systemic influences on human growth and development and emphasizes the role of service to others as essential to a sense of well-being and self-esteem. (HY)

Offered at Denver, Providence
3 Semester Credits

CSLG5170 Multicultural Counseling: Theories and Techniques
This course is designed to sensitize students to the roles societal power disparities, therapists’ racial identity and awareness, ethical/legal considerations, and client/culture identity play in counseling persons of diverse backgrounds. The dynamics of counseling clients who are African American, Asian American, Hispanic/Latino American, Native American, LGBTQ, and persons with disabilities is examined. (HY)

Offered at Denver, Providence
3 Semester Credits

CSLG5200 Professional Orientation and Ethical Practice
This introductory graduate counseling course is designed to provide students with an orientation to the field of counseling. Students become familiar with the ethical and legal considerations related to development in counseling. Students are introduced to the various subfields, settings and employment opportunities in the counseling profession, and the roles and functions of counselors in these settings. Central to this course is an on-going self-evaluation of the student’s attitudes, values, interpersonal skills and motives for choosing counseling as a potential profession. (HY)

Offered at Denver, Providence
3 Semester Credits

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 consistently examine the means through which the traditional theoretical perspectives attempt to produce change.

Offered at Providence
3 Semester Credits

CSLG5305 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 consistently examine the means through which the traditional theoretical perspectives attempt to produce change. (HY)

Offered at Denver
3 Semester Credits

CSLG5350 Health and Wellness Counseling
This course is based on Myer’s “Wheel of Wellness,” a holistic model for treatment planning in the mental health field. Focus is on defining, experiencing and working with the body-mind connection. Students review modalities and techniques, validated by neuroscience, that have an integrative effect on the body-mind connection. Students also review the somatic therapeutic processes that support integrative brain function and result in emotional, mental, physical and spiritual well-being. This course examines how biological, psychological and social factors interact with and affect the recovery, rehabilitation and psycho-social adjustment of clients. (HY)

Offered at Denver, Providence
3 Semester Credits

CSLG5400 Psychopathology and Treatment Planning
This course develops student knowledge of mental health diagnoses and treatment planning through application of various mental health counseling skills. Focus is on diagnosis, treatment planning and supervised mental health counseling skills practice within the context of legal and ethical guidelines and with reference to the current Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Association.

Prerequisite(s): PSYC5200. (HY)

Offered at Denver, Providence
3 Semester Credits

CSLG5450 Testing and Assessment in Counseling
This course is designed to provide an advanced approach to the principles, concepts, methods and applications of assessing human experience and behavior for counseling purposes. Topics include the history and philosophy behind measurement and assessment in counseling, statistical concepts and common assessment formats for measuring constructs such as personality, pathology, achievement, aptitude and career interests. The required assignments focus on the themes of assessment critique, administration and interpretation of assessment results, and incorporating assessment results into work with clients and students.

Prerequisite(s): CSLG5250. (HY)

Offered at Denver, Providence
3 Semester Credits

CSLG5500 Advanced Group Counseling Theories and Techniques with Lab
This experiential and didactic course investigates the issues a counselor processes in group work. Understanding of theoretical perspectives and refinement of personal group facilitation styles are developed through a combination of discussions, demonstrations, videos, experiential opportunities and practice. Co-leadership is utilized in the classroom in conducting group therapy. Students design and conduct groups. Emphasis is on developing skills and applying theories combined with various techniques to actual group situations. Related legal and ethical issues are discussed.

Prerequisite(s): CSLG5300 or CSLG5305.

Offered at Providence
3 Semester Credits
CSLG5505 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 are developed through a combination of discussions, demonstrations, videos, experiential opportunities and practice. Co-leadership is utilized in the classroom in conducting group therapy. Students design and conduct groups. Emphasis is on developing skills and applying theories combined with various techniques to actual group situations. Related legal and ethical issues are discussed. Prerequisite(s): CSLG5300 or CSLG5305. (HY) Offered at Denver 3 Semester Credits

CSLG5899 Counseling Practicum
This course provides students with the practical application of the theories, skills and knowledge they have gathered over the period of training within the Master of Science in Counseling Psychology program. Students spend time in a clinical setting as a counselor under the supervision of mental health professionals within the setting. Students complete supervised practicum experiences that total a minimum of 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 Denver, Providence 3 Semester Credits

CSLG6100 Advanced Co-Occurring Disorders and Addictions Counseling
This course provides students with an understanding of co-occurring psychiatric and substance abuse disorders and their impact on the individual, family and community. An integrated approach to address the issues accompanying the illness is included. Emphasis is on a variety of theoretical approaches, counseling skills, strategies, techniques and procedures for counseling individuals with co-occurring disorders. Prerequisite(s): CSLG5300, CSLG5400. (HY) Offered at Denver, Providence 3 Semester Credits

CSLG6150 Advanced Individual Mental Health Counseling
This course expands and refines the basic listening and attending skills learned in CSLG5300 Advanced Individual Counseling Theories and Techniques; focuses on therapist variables, self-knowledge and the counseling relationship as the essential elements for effective mental health counseling; and further develops students’ knowledge of mental health diagnoses and treatments learned in CSLG5400 Psychopathology and Treatment Planning through application of various mental health counseling skills. Small group settings focus on diagnosis, treatment planning, and supervised mental health counseling skills practice 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 3 Semester Credits

CSLG6200 Counseling the Chemically Dependent and Their Families
This advanced course integrates a family systems model along with a focus on research of addictive disorders. Students explore content information on addiction, the etiology of addiction, methods of assessment, and skills for addressing and treating addictive family systems. Students also gauge the efficacy of current family counseling treatment approaches. Identification of addiction and intergenerational patterns within families is examined. Exploration of healthy family systems, protective factors, and knowledge of community agencies that foster recovery and healing is an integral aspect of this course. Prerequisite(s): CSLG6100. (HY) Offered at Denver, Providence 3 Semester Credits

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 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 3 Semester Credits

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. (HY) Offered at Denver, Providence 3 Semester Credits

CSLG6350 Mental Health Counseling for Families
This course provides students the opportunity to explore assumptions about ‘the family’ and how it develops in a social/cultural context. The course explores selected theories and principles of family counseling. A combination of theoretical and practical application is used to examine variety of treatment approaches. Prerequisite(s): CSLG5300, CSLG5400. Offered at Providence 3 Semester Credits

CSLG6500 Leadership in Agency Settings
This course explores the essential skills required to become an effective leader and supervisor in community agency settings. Topics include development of interpersonal intelligence (emotional intelligence, communication and conflict resolution skills, and ethical counseling supervision skills) and intrapersonal intelligence (time-management skills, self-care skills and personal leadership style exploration). Students develop and articulate a personal leadership style through readings, reflections and exercises in communication and leadership effectiveness. Prerequisite(s): CSLG5250, CSLG5300. (HY) Offered at Denver, Providence 3 Semester Credits

All Courses 21
CSLG6899 Counseling Internship
This course is 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 their program and initial postgraduate professional placement (CACREP Standards, 2009). Students are required to complete 600 experiential field hours in a clinical setting over the course of 2 semesters. This course provides the student with the practical application of the theories, skills and knowledge gathered over the period of training in the counseling program. The student spends 600 hours in a clinical setting as a counselor-in-training under the supervision of mental health professionals. During the 600 hours, students experience 240 hours in direct service responsibilities. Direct service includes the following activities: 1) conducting or directly participating in individual counseling, 2) conducting or participating directly in group counseling, 3) conducting interviews or participating in interviews, and 4) administering measures/tests directly to patients. The remaining hours are spent in indirect services including case management, consultation, training, observation, supervision, outreach and team meetings. Students also meet in weekly supervision with on-site clinical supervisors (1 hour/week) and with the internship faculty instructor (1.5 hours/week).
Prerequisite(s): To be eligible for this internship, students must: 1) have completed 18 hours of graduate level course work, 2) have successfully completed CSLG6899 and 3) have permission of department chair and faculty. (HY)
Offered at Denver, Providence
3 Semester Credits

CUL1100 Introduction to Culinary Skills and Techniques
Students learn the techniques practiced in the professional kitchen: the craft, the tools, food safety and sanitation, basic knife skills, culinary math applications, and mise en place. Students are introduced to moist cooking techniques such as boiling, simmering, poaching, steaming, blanching/shocking and sweating. In addition, students identify and fabricate a variety of proteins. The basic preparations of stocks, soups and classic sauces are introduced. The course provides skills that become the foundation on which students build a lifetime of culinary learning. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

CUL1200 Introduction to Breakfast & Lunch Cooking
Students are introduced to the fundamental techniques used in the preparation of breakfast and lunch menu items. Students practice basic egg cooking techniques while creating restaurant-ready breakfast and brunch dishes. Basic lunch preparation including soups, salads and sandwiches are explored. Students are introduced to recipe and portion costing.
Prerequisite(s): This course is reserved for special industry partner programs. (OL)
Offered at Online
3 Semester Credits

CUL1210 Breakfast & Lunch Cafe
Students are introduced to and practice a variety of basic cooking skills using breakfast, brunch and lunch cooking techniques. The skills include egg preparation, sandwiches, salads, soups, vegetable cooking, sauces (including basic emulsions) and vinaigrettes. Basic yeast and quick bread techniques include creaming, blending and rubbing. Protein fabrication is reinforced. Recipe and portion costing is practiced. Food waste, sustainability, and culinary science issues are explored. Plate presentation and nutritionally balanced plates are emphasized in the production and service of a la minute foods.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

CUL1310 Principles of the Plate
Students are introduced to working with the principle elements of a plate to create menu items reflective of today’s foodservice industry. Students apply portion control, ingredient selection, cooking and flavoring techniques, with a focus on nutrition. Culinary math as applied to portion control and recipe costing is emphasized.
Prerequisite(s): This course is reserved for industry partner programs. (OL)
Offered at Online
3 Semester Credits

CUL1320 Elements of a la Minute Cooking
Students are introduced to sauté, shallow-fry and grill. Students apply portion control, ingredient selection, cooking and flavoring techniques, with a focus on nutrition. Students are introduced to a la minute cooking and baking methods. Culinary math as applied to portion control and recipe costing is emphasized.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

CUL1410 Contemporary Cooking & Leadership Functions
Students are introduced to stewing, braising, roasting, and savory baking. Students demonstrate how to delegate, order, receive, store, prepare and serve a variety of menu items. Students explore menu and recipe development, while applying cost control methods.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

CUL1420 Traditional Cooking Techniques
Students are introduced to the traditional cooking techniques of stewing, braising and roasting along with identification and grading of beef, lamb and pork. Students create original seasonal recipes and menus focused on full product utilization and sustainable industry practices. Students practice plate presentation techniques while developing original menu items that would appeal to the expectations of today’s consumer.
Prerequisite(s): This course is reserved for industry partner programs. (OL)
Offered at Online
3 Semester Credits

CUL2010 Foundations of Fermented Foods
Students explore ancient and modern methods of fungal and microbiological fermentation as food preservation across many global cultures and identify their impact on food flavor, texture and stability. Students compare the effects of a variety of techniques and identify specific fermenting agents. Students also discuss health considerations, including potential risks and probiotic effects, regulatory compliance, and non-food applications.
Offered at North Miami, Providence, Providence CE
3 Semester Credits

CUL2510 Contemporary Restaurant Operations and Management
Students explore front-of-the-house operations and practice professional dining, beverage service, and supervisory skills. Etiquette, guest relations, communication skills, teamwork, critical thinking, and professionalism are emphasized. Students practice management concepts including operational procedures and financial responsibilities. Students are introduced to the production and sensory evaluation of beverages and the principles of food and beverage pairings.
Prerequisite(s): Sophomore status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

CUL2610 Baking and Pastry Concepts for Culinary Operations
Students expand upon the foundational baking and pastry skills introduced in first-year culinary labs to produce a variety of breads, pastry and baked items. Students also incorporate design, flavor, and textural components to create plated desserts. Continued emphasis is placed on accurate weights and measures, mixing methods, station organization and culinary math. Students analyze ingredient and product needs based on various culinary operations.
Prerequisite(s): Completion of all freshman culinary labs.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

CUL2710 Banquets and Catering
Students develop the techniques for the set up and execution of banquets and catering functions. Techniques in fabrication, portion cutting, preservation, charcuterie, and hot and cold foods are executed with a focus on total product utilization. Healthful menu alternatives are explored.
Prerequisite(s): Completion of all freshman culinary labs.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits
CUL2810 Global à la Carte
Students apply diverse skills to produce contemporary, globally influenced à la carte menus through the exploration of flavor profiles, culture, and cuisines with an emphasis on healthful, appropriate and modern professional cooking skills and ingredients.
Prerequisite(s): Completion of all freshman culinary labs, sophomore status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

CUL2881 Farm to Table – A Global Perspective
Apply culinary skills in a unique program immersed in global culinary and educational philosophy applied to the farm-to-table movement. Specialized modules build upon core culinary skills learned at Johnson & Wales University and introduce local techniques and products with local leaders in the culinary profession. Personalized approach focuses on deep knowledge of ingredients, technique and presentation. The class combines theory, practical application, competency-based testing, and cultural experiences.
Prerequisite(s): Completion of all freshman sophomore culinary labs.
Offered at Charlotte, Denver, North Miami, Providence
6 Semester Credits

CUL2900 International Cuisine Culinary Capstone
This capstone course challenges students to apply high-level contemporary culinary skills toward the exploration of global cuisines and cultures. Emphasis is placed on student-driven menu development and research to survey an international pantry of ingredients, flavor profiles, cultural cuisine vocabulary, cooking techniques, and safe and healthy dish design.
Prerequisite(s): CUL1100, CUL1200, CUL1310, CUL1420, SFS2110, this course is reserved for industry partner programs. (OL)
Offered at Online
3 Semester Credits

CUL3010 Introduction to Culinary Instruction
This course is a study of methods, tools and techniques employed in facilitating the teaching and training of culinary arts. The knowledge and skills necessary for the professional role of an instructional specialist, such as a facilitator, trainer or teacher, are emphasized throughout this course. Concentration is placed on the preparation and the process of delivering effective teaching and training activities in short term programs such as workshops, seminars, presentations and demonstrations. Students have the opportunity to conduct classroom observations and implement and apply selected instructional strategies discussed in class.
Offered at Charlotte, North Miami
3 Semester Credits

CUL3020 Foundations of Wine
This course introduces the student to a systematic approach to wines and develops the student's ability to describe them in a marketable way. The course teaches a fundamental understanding of the relationship between location, climate, terrain, soils, viticulture, vinification and grape varieties and the differentiation between quality levels of wine. Wine tastings incorporate structured analysis leading students to identify regional and varietal organoleptic differences in wines. Tastings incorporate discussions on the pairing of food and wine. Representative wines are tasted.
Prerequisite(s): Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

CUL3030 Exploring Cheese
This course provides an opportunity for students to explore the world of cheese. Cheese history, production and trends are analyzed within a worldwide business context. Course components include sensory evaluation, classification, ripening, storage, purchasing, service and applications in today's kitchens. Students learn how to best purchase and serve cheese to enhance profitability in restaurant menu programs or retail outlets. Students also evaluate the principles of beer and wine pairings with cheese. Students are prepared to pass the Wisconsin Cheesecyclopedia, a cheese education course exam.
Offered at Charlotte, Providence, Providence CE
3 Semester Credits

CUL3082 Exploring Mead and Honey
This course provides students the opportunity to explore the origins and history of honey and honey fermentation, as well as challenges to the apiary industry and the effects of terroir on honey quality. Students learn about the role and importance of bees and honey in the global food industry. Various types of mead, the world's oldest documented fermented beverage, are analyzed and produced. Packaging, labeling, licensing and regulatory compliance, as well as sales and marketing aspects, are also explored. Successful students should be prepared to sit for the BJCP Mead Judge Certification exam.
Prerequisite(s): Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (HY) (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

CUL3092 Brewing Arts
This course helps students develop an understanding of traditional and modern styles of beer and brewed alcoholic beverages by examining production methods and ingredients and through sensory analysis. Students explore historical context, as well as modern industry structures and trends. Students learn how to brew an all-grain beer recipe and to identify common beer faults and their causes. Upon completion of this course, students are prepared to sit for the Certified Beer Server exam from the Cicerone Certification program.
Prerequisite(s): Online students must be of legal drinking age - 21 years of age in the US, or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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 beverages to the on-premise market. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

CUL3131 Chef-Driven Contemporary Casual Concepts
This course provides students the opportunity to explore the unique challenges of operating a contemporary, chef-driven, casual dining concept, developing strategies to maximize profits while maintaining food integrity. Cooking skills are refined and advanced culinary techniques are applied to innovative, student-driven menus utilizing a global pantry and sustainably sourced foods that align with current industry practice.
Prerequisite(s): Completion of all sophomore culinary labs.
Offered at North Miami, Providence
3 Semester Credits

CUL3141 Corporate Dining Concepts
This course provides students the opportunity to explore the unique challenges of operating a contemporary, chef-driven, corporate restaurant concept, developing strategies to maximize profits while maintaining food integrity. Cooking skills are refined and advanced culinary techniques are applied to innovative, student-driven menus utilizing a global pantry and sustainably sourced foods that adhere to specific consumer expectations.
Prerequisite(s): Completion of all sophomore culinary labs.
Offered at North Miami, Providence
3 Semester Credits

CUL3151 Chef-Driven Fine Dining Concepts
This course provides students the opportunity to explore the unique challenges of operating a chef-driven, fine dining concept, developing strategies to maximize profits while maintaining food integrity. Cooking skills are refined and advanced culinary techniques are applied to innovative, student-driven menus utilizing a global pantry and sustainably sourced foods that align with current industry practice.
Prerequisite(s): Completion of all sophomore culinary labs.
Offered at North Miami, Providence
3 Semester Credits
CUL3244 Cuisine and Culture of the Mediterranean
This course introduces students to Mediterranean cuisine and culture through activity-related experiences. Guided by local specialists, students explore archaeological and historical sites; nature reserves, organic farms, vineyards and farmers’ markets; village ports, taverns, bakeries and artisan food production facilities; and participate in cooking/baking classes taught by local chefs. Through activities and exploration students engage with the local community to learn how culture, community and cuisine intersect.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

CUL3270 Volcanic Island Wines: The Azores and Madeira
This nine-day intensive overview course is designed to provide students with an appreciation of the culture of Madeira and the Azores, and their history of grape-growing and wine-making that reflect a sense of place. Students discover the role of wine tourism, marketing and the commercial position these wines hold in the global marketplace. Students are exposed to the culture and cuisine of the region (islands), and explore how and why their wines pair best with cuisines.
Prerequisite(s): Junior status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

CUL3900 Exploring Ciders and Fruit Wines
Students explore the rapidly growing industry of ciders, perries and fruit wines. Students are able to describe and identify the properties and flavors of heirloom and modern varieties of fruits, and their impact on the fermented products. Students employ sensory analysis and critical thinking skills to identify and describe the flavors and texture of products, as well as faults, their causes, and potential remedies or prevention. Packaging, marketing, sales, and food affinities are also discussed. Successful students are able to pass the Level 1 Certified Cider Professional exam from the U.S. Association of Cider Makers. (HY)
Offered at Providence, Providence CE
3 Semester Credits

CUL4020 New World Wines
This course offers students an advanced understanding of New World wines (in particular the U.S., with additional 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, online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

CUL4030 Old World Wines
This course allows students to develop an advanced understanding of Old World wines. Students examine production methods, trace the evolution of various appellation of origin classification systems, and explore the concept of terroir. Students explore wine production in areas of France, Germany, Austria, Italy, Spain, Portugal, Greece and other traditional regions. For each region, students 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, online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

CUL4045 Spirits and Mixology Management
This course offers the student an advanced understanding of spirits, liqueurs, cocktails and mixology to design and supervise a successful bar operation. Spirits, liqueurs, cocktails and mixology principles are discussed within a cultural, historical and business context. Sensory analysis, cocktail recipe creation and production methods, inventory, cost analysis and merchandising are major components of this course. Alcohol liability and server training are reviewed. Students may be offered the practical exam for the International School of Mixology Bartending Certification.
Prerequisite(s): Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

CUL4080 Beer Sommelier Capstone
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 or Certified Beer Server certification or its equivalent. Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

CUL4115 Culinary Capstone: The Professional Kitchen
This capstone course integrates the critical competencies needed to lead chef-driven restaurant concepts, which include excellence in menu development, food production, service and management strategies. Students develop a menu that demonstrates consciousness in sourcing and procurement while leading a team through production and service. Students’ ability to plan, budget, manage, report finances and demonstrate leadership principles to safeguard an economically sustainable operation are assessed.
Prerequisite(s): CUL3131, CUL3141, CUL3151.
Offered at North Miami, Providence
3 Semester Credits

CUL4185 Sommelier Capstone
This course provides a comprehensive overview of beverage sales and service techniques giving the student the ability to select appropriate products for a successful beverage program. Students focus on food and beverage pairings, the development of beverage lists, and the training techniques for successful sales. Relevant selection and purchasing of beverages, inventory controls, storage and distribution management is emphasized. Guest-centered hospitality, liability and responsible service are reinforced throughout. Sommelier career options are explored across the beverage industry.
Prerequisite(s): CUL3020, CUL4030, online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits
**CUL4416 British Practical Brewing**
This rigorous, experience-based course is ideal for students who want to work in or develop their own microbrewery or brewpub. The course enables students to enhance their knowledge of brewing theory and develop their skills in practical brewing, recipe formulation, sensory analysis, marketing and brewery design. Students work alongside professional brewers, chemists and industry professionals in both laboratory and field settings to earn practical professional brewing experience. Students gain an in-depth knowledge of traditional and modern beer-breeding technology both on-site and at local craft breweries. Students attend evening and weekend excursions to regional malsters, hop yards and breweries, and other historic and cultural sites. There is a comprehensive written exam at the completion of the course. Successful candidates earn the Brewlab Practical Brewing Certificate.
Prerequisite(s): CUL3092.
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

**CUL4417 Applied American Craft Brewing**
This rigorous, experience-based course is ideal for students who want to work in or develop their own microbrewery or brewpub. The course enables students to enhance their knowledge of brewing theory and develop their skills in practical brewing, recipe formulation, sensory analysis, marketing and brewery design. Students work alongside professional brewers, chemists and industry professionals in both laboratory and field settings to earn practical professional brewing experience. Students gain an in-depth knowledge of traditional and modern craft brewing technology both on-site and at local craft breweries. Students attend evening and weekend excursions to regional malsters, hop yards and breweries, and other historic and cultural sites. There is a comprehensive written exam at the completion of the course. Prerequisite(s): CUL3092, CUL4460, minimum 2.5 GPA, legal drinking age 21. (HY)
Offered at Charlotte, Denver, Providence, Providence CE
6 Semester Credits

**CUL4419 Brewery Operations and Planning**
This course prepares students to plan and develop their own brewery or brewpub. Students explore topics such as facilities layout and design, equipment sizing and configuration, location and siting factors, compliance and regulatory environment, HACCP, safety and quality control, resource and waste management, conservation and sustainability, types of finance, marketing, production scheduling, and forecasting. The focus is on the American craft brewing industry and structure, though most concepts can be applied internationally. Upon completion of the course, students are prepared to construct a preliminary plan for a brewery business.
Prerequisite(s): CUL3092. (OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

**CUL4460 Advanced Brewing Theory and Analysis**
This course allows students to explore brewing theory in depth, as preparation for a career in craft brewing and beer judging. Students explore topics such as malting science, water chemistry, hop growing technology and yeast microbiology as they relate to the art of craft brewing. Students describe variations in classic and contemporary beer styles in detail, with a special emphasis on ingredient and process variables as they relate to flavor and style accuracy. Advanced sensory analysis skills and critical thinking are developed throughout the class. This course prepares students to take the Beer Judge Certification Program (BJCP) Entrance Exam and BJCP Judging Exam to become a BJCP Recognized Judge.
Prerequisite(s): CUL3092, online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

**CUL4465 Advanced Brewing Theory Lab**
Students examine the effects of various factors impacting the flavor, appearance and condition of beer and learn how to utilize typical brewery laboratory equipment and techniques to assess product quality and consistency. Students also gain an introduction to applied brewing techniques, as well as brewery safety and sanitation and proper use of cleaning chemicals and protective equipment. Emphasis is on ASBC standard methods of analysis, laboratory microbiology, and application of the scientific process. This course may be taken concurrently with or after CUL4460 Advanced Brewing Theory and Analysis.
Prerequisite(s): CUL4460 (or concurrent).
Offered at Charlotte, Denver, Providence, Providence CE
1 Semester Credit

**CUL4963 Sommelier Training**
With a focus on practical sommelier skills training, this course gives students the opportunity to study wines from a region or country, providing a deeper understanding of quality factors in the making of wines within a cultural and historical context. Students develop wine service skills including food and wine pairing understanding. Participants have lectures and presentations by experts, augmented with excursions to regional wineries, wine cellars, and visits to local cultural sites.
Prerequisite(s): CUL2235 or FSM2055 or department chair approval.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

**CULN1010 An Introduction to the Fields of Food, Food Service and Nutrition**
This survey course is intended to introduce students to an array of post-baccalaureate professional opportunities. Students are exposed to university alumni who have chosen both traditional and unique career paths after leaving Johnson & Wales University. Alumni provide examples of their experiences and offer insight for students interested in pursuing similar or adjacent professions. The ways in which students might better prepare for occupational, academic and credentialing opportunities, which they might be eligible for, after graduation are explored. Students are familiarized with different university departments, resources and systems, which might improve the student’s acclimation to the Johnson & Wales community. (HY)
Offered at Charlotte, Denver, North Miami, Providence
1 Semester Credit

**CULN2020 Applied Culinary Nutrition**
This course builds upon the student's foundational culinary skills and knowledge, while introducing the principles of applied culinary nutrition. Students are introduced to the practice of translating current nutritional recommendations into meals that excite the palate, while adhering to evidence-based nutritional parameters and the policies that some healthcare institutions must observe. The course focuses on the essentials of ingredient selection and preparation, food portioning, recipe modification and the fundamentals of specialized dietary requirements.
Prerequisite(s): Completion of all freshman culinary labs, CULN1010 (or concurrent), SCI1050.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

**CULN2230 Designing Healthy Desserts**
This course introduces how baking works through an understanding of the ingredients used in baking and pastry. Students run experiments in order to learn about ingredients and understand how ingredients change during production and interaction with other ingredients. In addition, this course presents methods to develop baked goods and desserts by creating new products that are healthier or by substituting ingredients in traditional desserts to make them conform to specific dietary specifications. The production focuses on modifying ingredients in desserts while retaining quality and visual appeal. Students are encouraged to utilize their knowledge of sound nutrition principles to develop original creations. The production covers all aspects of the pastry shop from basic baked items to more elaborate desserts.
Prerequisite(s): SCI1050, CUL1100, CUL1210, CUL1320 and CUL1410.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits
CULN2414 Cooking for Health and Wellness
This course introduces the impact that diet has on health and wellness and addresses the socioeconomic and cultural barriers that often prevent the seamless integration of current and evidence-based nutrition into menu development. Students explore ways to apply theory to practice through experience-based culinary instruction. This course takes an interdisciplinary and collaborative approach to bridge knowledge-deficiencies that exist in traditional healthcare, dietetics and culinary education. The course attempts to directly impact both the nutritional and sensory appeal of the foods prepared for patients and clients while also addressing the fundamental culinary skills required to improve the future personal health of the students in the course. Both instructive and vocational components are incorporated, which are intended to improve communication and understanding around how nutrition and culinary fundamentals may impact public health, as well as improving the assimilation of appropriate nutrition in the food produced and menus developed by prospective healthcare team members.
Prerequisite(s): SCI1050, (OL)
Offered at Charlotte, Denver, Online, Providence 3 Semester Credits

CULN3155 Vegetarian Cuisine
This course focuses on the types and preparation of nutritionally balanced vegetarian diets. Students explore the importance of understanding why people choose vegetarian diets, including cultural and global perspectives, economics and health. Daily production focuses on the preparation of vegetarian dishes and meals that fit into three classifications: vegan, lacto and lacto-ovo vegetarian diets.
Prerequisite(s): CULN2020, CULN2230.
Offered at Charlotte, Denver, North Miami, Providence 3 Semester Credits

CULN4155 Athletic Performance Cuisine
This laboratory course emphasizes the importance of how food can enhance athletic performance. Focus is 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): CULN3155 or CULN3155, FSM2210 or FSM3040.
Offered at Charlotte, Denver, North Miami, Providence 3 Semester Credits

CULN4165 Therapeutic Cuisine
This capstone course requires students to apply their proficiency in culinary nutrition, critical-thinking skills and management theories to address the challenges faced by contemporary healthcare food service facilities. Focus is on the patient’s dining experience while adhering to specific dietary requirements. Students create and execute therapeutic menus in addition to rotating through management positions found in today’s institutional food service facilities.
Prerequisite(s): CULN3155 or CULN3155, FSM2210 or FSM3040.
Offered at Charlotte, Denver, North Miami, Providence 3 Semester Credits

CULN4175 Spa Cuisine
This course focuses on advanced techniques of nutritionally sound food preparation and menu development, as reflected in current research. 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 they apply to current spa cuisine models.
Prerequisite(s): CULN3155 or CULN3155, FSM2210 or FSM3040.
Offered at Charlotte, Denver, North Miami, Providence 3 Semester Credits

CULS2010 Introduction to Food Product Development
This course introduces students to the terminology and basic practices in product development labs, test kitchens and culinary centers in the food and beverage industry. Focus is on the product development process from concept through commercialization, and the role of the product developer throughout this process. This includes an introduction to market research and sensory testing techniques, unit operations in food and beverage processing and packaging, quality assurance/quality control, and food regulations and labeling. Student groups research current trends, the needs of a particular target market, and topics in food and beverage processing and packaging. This course includes lecture, student presentations, group work, guest lectures and use of the internet to research relevant topics and technologies.
Prerequisite(s): Sophomore status.
Offered at Denver, Providence 3 Semester Credits

CULS2210 Food Science
This course emphasizes the scientific method and the chemical and physical changes that occur during preparation and processing of food products. The relationships between the chemistry of the major food components (carbohydrates, fats and proteins) and their functionality in food systems are examined. This course requires a laboratory research project that involves writing a research proposal, conducting primary and secondary research, conducting a consumer test, analyzing data, and writing a final laboratory report following the scientific method described in the course.
Prerequisite(s): Sophomore status.
Offered at Charlotte, Denver, North Miami, Providence 3 Semester Credits

CULS3015 Food Ingredient Technology
This course provides an overview of major food ingredients and additives used in food product development. The various functionalities of these ingredients are investigated through the production and evaluation of various food products that align with consumer expectations. Students examine the legal definition of food ingredients and additives and outline the approval process for ingredients classified as such. Students apply Food and Drug Administration (FDA) laws and regulations when incorporating additives into food products.
Prerequisite(s): CHM1000, CHM1006, CULS2010.
Offered at Denver, Providence 3 Semester Credits

CULS3025 Food Processing
This course provides students the opportunity to identify the appropriate food processing methods and equipment utilized in the manufacturing of food products. Practices that are important in a food manufacturing facility are explored through off-site visits to determine how different processing methods and packaging can affect the safety and quality of food products.
Prerequisite(s): CULS2010, completion of all freshman culinary or baking labs.
Offered at Denver, Providence 3 Semester Credits

CULS4035 Food Product Design and Development
This capstone course applies the knowledge and skills acquired in major prerequisite courses. Students strengthen their laboratory skills working in teams, designing and developing a food product from concept through optimization. This course is taught within a kitchen that simulates the environment of a product development laboratory. Students complete sensory tests, accelerated shelf-life tests, competitive analyses and performance tests on products, as required. Students design and create product packaging labels that align with current food regulations. Additionally, students use spreadsheets to create formulas and generate costing information. At the completion of the course, students present their concepts, optimized products, packaging label and project reports to the university community.
Prerequisite(s): CULS3015, senior status.
Offered at Denver, Providence 3 Semester Credits
**CYB1005 Introduction to Cyber Security Operations**
This course is designed to provide an introduction to the range of disciplines that are fundamental to protecting cyber assets in the modern world. Students learn what cyber security and operations are, how they have evolved over the past decades, and how the cyber security framework can be applied across a wide range of contexts and industries. This course also provides an introduction to the various technical and non-technical skills that are fundamental in the cyber security and operations field. Students are provided with academic foundations to pursue further study in the cyber field. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

**CYB2010 Computer Architecture with Assembly Language Programming**
This course is designed to provide students with an understanding of the relationship between hardware and software through the use of the machine and assembly language facilities. Topics include how simple statements translate into processor commands and how various types of storage and programming structures are implemented in the system. Program design, charting, coding, debugging, testing, execution and documentation are accomplished for all concepts that are introduced. Advanced understanding of the relationship between hardware and software is accomplished through the use of assembly language and higher level language (C programming language) facilities. Creating programs that interface with computer hardware is explored. Additional topics include using debug, decision structures, looping structures, addressing constructs, data types, program segments, memory models, subroutines, arrays, video, keyboard and file I/O, parallel processing, terminate-and-stay-resident programs, recursion, inter-language communication, device drivers and embedded programming concepts.
Prerequisite(s): CSIS1112. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

**CYB3011 Software Reverse Engineering**
This course is designed to introduce students to the tools and process of software reverse engineering, and how to apply the tools and process for the purpose of discovering malicious code, reconstructing higher level code and documentation where none exist, discovering opportunities for improvement of existing code, and assuring the appropriate use of code.
Prerequisite(s): CSIS2045, CYB2010 or ENGN2014.
Offered at North Miami, Providence
3 Semester Credits

**CYB3023 Large Scale Distributed Systems**
This course is designed to introduce the principles and implementation techniques of distributed database systems and explore trends and issues concerning database application development. Students apply theory and practice by building a distributed database with web access.
Prerequisite(s): CSIS1112, CSIS2030.
Offered at North Miami, Providence
3 Semester Credits

**CYB3038 HCI/Usable Security**
This course focuses on how to design and build secure systems with human-centric focus. Basic principles of HCI (including the basics of humans’ cognitive abilities, principles of usability, design techniques and evaluation methods) are discussed. Through professionally focused exercises, students apply the techniques to the design, building, evaluation and critique of secure systems, while developing security measures that respect human performance and their goals within the system. Focus is on authentication devices, password protection techniques, browsing security, social media and mobile device security.
Prerequisite(s): ITEC3050. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

**CYB4010 Computer and Network Forensics**
This course introduces students to the nature of digital evidence, the tools and techniques used to acquire such evidence, and the practices used to preserve its integrity through the use of lectures and hands-on exercises. Students are also introduced to the process of testifying and ethics for the expert witness.
Prerequisite(s): Senior status. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

**CYB4026 Cyber Intelligence**
This course examines the emerging stages to the current operational and political impact of cyber intelligence. Students explore a full range of cyber capabilities from exploitation, attack and defense. Students analyze and discuss several case studies that demonstrate the challenges and benefits of cyber intelligence to the cyber operations and security environment. This course demonstrates how cyber security and operations have changed the nature of intelligence collections, operations and analysis across the intelligence communities.
Prerequisite(s): CYB3038. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

**CYB4032 Perimeter Protection and Vulnerability Assessment**
This course examines the threat from computer hackers and the countermeasures to protect against such attacks, including security policies, security hardware and software technologies, vulnerability analysis, security assessments, penetration testing, and vulnerability scanners. Topics include types of network security, varieties of attacks, fundamentals of firewalls, firewall practical applications, intrusion detection systems, encryption, virtual private networks, operating system hardening, defending against virus attacks, Trojan horses and spyware, security policies, assessing a system, security standards, and computer-based espionage and terrorism.
Prerequisite(s): ITEC2075.
Offered at North Miami, Providence
3 Semester Credits

**CYB4044 Active Cyber Defense and Countermeasures**
This course is based on the concept that current, traditional ‘boxed’ defense solutions are no longer working and attackers are becoming more and more successful as a result. Emphasis is on new strategies for IT security professionals to be successful. Topics include tools for proactive defense, such as annoyance, attribution and attack.
Prerequisite(s): CYB4032.
Offered at North Miami, Providence
3 Semester Credits

**DATA5150 Data Management**
This course introduces students to data management by exploring the history of databases, database concepts and structures, the data project cycle, and data best practices. Students learn basic SQL skills to gain an understanding of what is possible with data and build on foundational database concepts. Throughout the course, focus is also placed on data ethics and its role in current business issues. Students demonstrate what is possible with data by completing a project utilizing learned data skills. (OL)
Offered at Online, Providence
3 Semester Credits

**DATA5100 Statistical Analysis**
This course explores how statistics can be used as a powerful tool for data analysis. Students learn several statistical approaches while using programming language centered around statistics to work with real data. Students gain an understanding of the descriptive and inferential statistics and how they are key concepts in the quantitative analysis of data. Students demonstrate understanding of topics through practical use case scenarios.
Prerequisite(s): ISA5085 or permission from the department chair. (OL)
Offered at Online, Providence
3 Semester Credits

**DATA5150 Data Mining**
This course in data mining studies algorithms and computational paradigms that allow computers to find patterns and regularities in databases, perform prediction and forecasting, and generally improve their performance through interaction with data. Data mining is currently regarded as the key element of a more general process called knowledge discovery, which deals with extracting useful knowledge from raw data. The knowledge discovery process includes data selection, cleaning, coding, using different statistical and machine learning techniques, and visualization of the generated structures. This course covers all of these issues and illustrates the whole process by examples. Special emphasis is given to the machine learning methods as they provide the real knowledge discovery tools. Important related technologies, such as data warehousing and online analytical processing (OLAP), are also discussed. Students use recent data mining software.
Prerequisite(s): ISA5085 or permission from the department chair. (OL)
Offered at Online, Providence
3 Semester Credits

All Courses 27
DATA5200 Data Visualization
This course provides students with the tools and techniques to tell a story visually with data. Many analysts find great insights in the data but struggle to successfully deliver their message. The goal of this course is to provide a foundation to bridge that gap. Students learn visual perception and cognition concepts through the creation of powerful visualizations using tools like Tableau and Power BI. This is a project-based course, where students work with data from exploration to the creation of a dashboard that clearly delivers its intended message. (OL)
Offered at Online, Providence
3 Semester Credits

DATA5300 Big Data Analytics
This course introduces students to the world of Big Data, a world in which websites, mobile phone applications, credit cards and many more everyday tools we use extensively collect a tremendous amount of information. Students learn about the history, current challenges, trends and applications of these massive datasets. They explore the specialized algorithms for Big Data analysis, mining and learning algorithms that have been developed specifically to deal with large datasets. Students learn about techniques used for managing Big Data such as cloud computing, map-reduce parallel computing, distributed file systems, No SQL databases, stream computing engines and other related technologies.
Prerequisite(s): DATA5100. (OL)
Offered at Online, Providence
3 Semester Credits

DATA5350 Text & Web Mining Analytics
This course covers important topics in text mining, including basic natural language processing techniques, document representation, text categorization and clustering, document summarization, sentiment analysis, social network and social media analysis, probabilistic topic models, and text visualization.
Prerequisite(s): DATA5100. (OL)
Offered at Online, Providence
3 Semester Credits

DATA5400 Predictive Modeling
This course focuses on how to use statistical models to analyze data. Data in the real world involves elements of systematic patterns as well as uncertainty. The uncertainty may arise from missing information, measurement error or incomplete sampling of the population. Statistical modeling methodologies provide a set of tools for understanding data by incorporating assumptions and prior knowledge. These models are useful for supporting decision-making in many areas of computer science, including machine learning, data mining, natural language processing, computer vision and image analysis.
Prerequisite(s): DATA5100. (OL)
Offered at Online, Providence
3 Semester Credits

DATA5500 Time Series Analysis
This graduate-level course provides an introduction to time series data and models in the time and frequency domains. Students learn the basic theory of stationary processes, linear filters, spectral analysis, ARIMA models, forecasting and smoothing, models for trends and seasonal patterns, and autoregression and time series regression models. Hierarchically introduced methods start with terminology and exploratory graphics, move to descriptive statistics, and end with modeling, forecasting procedures and practical applications. Emphasis is on the practical application of time series models.
Prerequisite(s): DATA5100. (OL)
Offered at Online, Providence
3 Semester Credits

DATA5550 Optimization Simulation
This course provides an introduction to machine learning, data mining and statistical pattern recognition. Topics include: 1) supervised learning (i.e., parametric/non-parametric algorithms, support vector machines, kernels, neural networks), 2) unsupervised learning (i.e., clustering, dimensionality reduction, recommender systems, deep learning), and 3) best practices in machine learning (i.e., bias/variance theory, innovation process in machine learning). The course draws from numerous case studies and applications, so students learn how to apply learning algorithms to a broad spectrum of use cases.
Prerequisite(s): DATA5100. (OL)
Offered at Online, Providence
3 Semester Credits

DATA5700 Data Analytics Capstone
This capstone project course challenges students to apply theoretical knowledge acquired from their previous courses and apply that knowledge to a project involving actual data in a realistic setting. During the project, students engage in the entire process of solving a real-world data science project, from collecting and processing actual data to applying suitable and appropriate analytic methods to the problem. Both the problem statements for the project assignments and the datasets originate from real-world domains similar to those that students might typically encounter within industry, government, nongovernmental organizations (NGOs) or academic research.
Prerequisite(s): Completion of 27 credits in program. (OL)
Offered at Online, Providence
3 Semester Credits

DEE3999 Directed Experiential Education
Directed Experiential Education (DEE) offers students an intensive, project-based experiential learning opportunity conducted under the supervision of a faculty member. Experiences are driven by a specific industry-based or functional-area-based project completed for a nonprofit or for-profit DEE partner. Through weekly group seminar meetings, extensive field work (independent and/or group-based) and purposive reflection, students apply acquired discipline-specific skills and knowledge, develop leadership and collaborative abilities, and refine critical thinking, problem-solving and active citizenship skills. The course culminates in a formal presentation to the DEE partner. This course is recognized as an Experiential Education (EE) course, indicating that experiential learning is used as a primary method of achieving the course objectives.
Prerequisite(s): Minimum of 57 credits and faculty recommendation. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

DEE6899 Directed Experiential Education
Directed Experiential Education (DEE) offers students an intensive, semester-long, project-based experiential learning opportunity conducted under the supervision of a faculty member. Experiences are driven by a specific industry-based or a functional area-based project completed for a nonprofit or for-profit DEE partner. Through weekly group seminar meetings, extensive field work (independent and/or group-based) and purposeful reflection, students construct and appraise acquired discipline-specific skills and knowledge, develop leadership and collaborative abilities, support critical thinking, and formulate problem-solving and active citizenship skills. The course culminates in a formal presentation and deliverables to the DEE partner, and is recognized as an 'Experiential Education' (EE) course, indicating that experiential learning is used as a primary method of achieving the course objectives. Students can take up to three semesters of this course at 3.0 credits per semester.
Prerequisite(s): Faculty recommendation and approval by the department chair. (OL)
Offered at Providence
3 Semester Credits
ECON1001 Macroeconomics
This course is designed as a general introductory course in economics covering the major elements of economic theory that apply to the overall economy. It is designated as the first of two introductory courses in economics. The various topics it covers include how the economy functions as a whole, the market system, national income, business cycles, the financial system, macroeconomic theories, monetary and fiscal policy, and international trade.
Prerequisite(s): MATH1002 or math placement. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ECON2010 World Economic Geography
The purpose of this course is to provide an understanding of the economic resources at our disposal and the natural conditions under which the utilization of these resources may be achieved. Locations, characteristics, and relationships of economic activities are discussed and analyzed to permit better insight into these issues.
Prerequisite(s): ECON1001 or ECON1002. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

ECON2011 Intermediate Macroeconomics
This course is designed to be a comprehensive analysis of the economy as a whole. Topics covered are economic growth, unemployment, inflation, business cycles, as well as monetary and fiscal policy. An examination of economic theories of the long run and short run are also included.
Prerequisite(s): ECON1001, MATH1035, sophomore status. (OL)
Offered at Charlotte, Online, Providence
3 Semester Credits

ECON2022 Intermediate Microeconomics
This course is an in-depth analysis of how individuals and firms make decisions under conditions of scarcity. Topics examined are consumer choice, demand and supply, elasticity, cost functions, market structures, profit maximization, optimal pricing, game theory and market failures.
Prerequisite(s): ECON1002, MATH1035, sophomore status. (OL)
Offered at Charlotte, Online, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

ECON3030 Managerial Economics
This course introduces business students to the application of economic principles at the decision-making level in a business organization. This course demonstrates how economic concepts can be applied to decisions involving business strategy and the attainment of organizational objectives.
Prerequisite(s): ECON1002, BUS1001 or MGMT1001. (HY)
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

ECON3070 Contemporary Economic Issues
This course is a topical examination of current macroeconomic and microeconomic issues that impact the U.S. economy. Course content examines and analyzes topics such as government finance, health care, the environment, energy, poverty and welfare, social economic issues, the housing market, terrorism, casino gambling, and the stock market.
Prerequisite(s): ECON1001 and ECON1002. (OL)
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

ECON3200 Econometrics
Econometrics is a set of research tools used to estimate and test economic relationships. The aim of this course is to provide students with the skills helpful in filling the gap between studying economics and applying economics statistically. With this course, students gain an overview of what econometrics is, how to build and estimate regression models, interpret estimation results, predict model outcome, conduct hypothesis tests, and diagnose model specifications. The emphasis of this course is on understanding the tools of econometrics and applying them in practice.
Prerequisite(s): ECON1001, ECON1002, MATH2001 or MATH2010, junior status. (OL)
Offered at Charlotte, Online, Providence
3 Semester Credits

ECON4012 Microeconomics
This course consists of microeconomic principles and issues. Course content examines and analyzes demand and supply elasticities and efficiency of the market equilibrium. In addition, the costs of production and the four basic market models of firms’ short-run and long-run operations are discussed. Other topics covered include pricing strategies, market failures and government policies to resolve them.
Prerequisite(s): MATH1002 or math placement. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

DIET2050 Community Nutrition
This course examines the role of nutrition in promoting, maintaining and improving the health of individuals and groups in the community. The course provides students with a foundational understanding of the professionals, organizations and policies that influence community nutrition. Students are introduced to epidemiological research methodology, educational theories and other strategies in order to maximize their effectiveness while working with diverse and potentially vulnerable populations.
Prerequisite(s): DIET1010 or NUTR2001 or SCI1050. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

DIET3030 Nutrition Assessment
This 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): DIET1010 or NUTR2001 or SCI1050, DIET2050, junior status.
Offered at Denver, Providence
3 Semester Credits

DIET3050 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 older adult population. The relationship between nutrition and health is traced throughout the human life span. Students apply course content to situations relevant to both community and clinical settings.
Prerequisite(s): DIET1010 or NUTR2001 or SCI1050, junior status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

DIET4030 Medical Nutrition Therapy
This course familiarizes the student with the principles of medical nutrition therapy. The critical role of food and nutrients and their effects on various disease states is discussed. Students explore a variety of issues that may impact the management of existing diseases.
Prerequisite(s): BIO2041 or SCI2031, DIET3030 or NUTR3030, DIET3050 or NUTR3050.
Offered at Denver, Providence
3 Semester Credits

DIET4630 Advanced Medical Nutrition Therapy
This senior-level course provides the student with advanced medical nutrition therapy (MNT) theoretical knowledge and clinical nutrition skills required for postgraduate programs and advanced degrees in nutrition. Students utilize critical-thinking skills in solving complex medical cases that require nutrition intervention. Students research and apply a variety of evidence-based clinical nutrition practices. Emphasis is on the critical role of utilizing the standardized Nutrition Care Process in all aspects of Medical Nutrition Therapy.
Prerequisite(s): DIET4030 or NUTR4030.
Offered at Denver, Providence
3 Semester Credits

ECON1002 Microeconomics
This course consists of microeconomic principles and issues. Course content examines and analyzes demand and supply elasticities and efficiency of the market equilibrium. In addition, the costs of production and the four basic market models of firms’ short-run and long-run operations are discussed. Other topics covered include pricing strategies, market failures and government policies to resolve them.
Prerequisite(s): MATH1002 or math placement. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
EDUC5230 Foundations for Teaching and Learning
This initial course in the M.A.T. program provides students with foundational knowledge in learning theory, action research, and educational practices including the role of technology to build a broad understanding of learning and teaching in American schools today. Through course lectures, videos, readings, discussion and interactive activities, students examine a variety of issues including neurological and cultural factors that impact how students learn, characteristics of standards-based curricula, meeting the needs of diverse learners, the power of collaboration, and the purposes for formative and summative assessments. Students examine and utilize the Common Core State Standards in a data-driven school improvement project designed to give them a “big-picture” understanding of how teachers, administrators and community members use research, assessment and contextual data to inform practice and support student learning. Students examine the Rhode Island Professional Teacher Standards and the Rhode Island teacher evaluation system to support their emerging understanding of the professional, educational, legal and ethical responsibilities to students and their families.
Offered at Providence
3 Semester Credits

EDUC5145 Theoretical Foundations of Learning, Design, and Technology
This course provides a solid foundation in theories that focus on how people learn, instructional strategies that support the learner and the use of technology to enhance learning. This course also introduces students to the communication and research skills needed to prepare them for success in their graduate studies and careers. (OL)
Offered at Online
3 Semester Credits

EDUC5170 Best Practices in Literacy Instruction
This course explores the science of reading through an instructional framework designed to teach phonemic awareness, phonics, vocabulary/word study, reading fluency and reading comprehension. Students write lesson plans in each of these five areas of reading and implement lessons in class and/or field settings. Through course content and guided field experiences students learn strategies and best practices to teach reading, writing, speaking and listening skills. This course focuses on English Language Arts as an interdisciplinary and developmental process.
Offered at Providence
3 Semester Credits

EDUC5180 Curriculum Development for Culinary Arts Programs
This course introduces students to current theories and models in curriculum design in the field of culinary education. Students explore and evaluate curricula currently used in both higher education culinary programs and in high school culinary programs. During this process, students identify an area of need or of interest in the field and construct program or unit curricula to improve teaching and learning outcomes. Students identify standards, formative and summative assessment measures, instructional strategies and resources for student achievement.
Prerequisite(s): EDUC5130.
Offered at Providence
3 Semester Credits

EDUC5190 Teaching Financial Literacy
Pre-service business education teachers learn various strategies for teaching secondary students the knowledge, skills and dispositions required for them to become independent adult consumers capable of making wise financial decisions for a lifetime of economic well-being. Emphasis is placed on supporting secondary students in managing their own personal finances by employing knowledge and critical thinking. Online tools and financial literacy resources are employed to research the most current data and information on personal finance topics such as savings, credit, investing, insurance, taxes, budgeting, banking and other important components of personal finance. Teacher candidates design lessons that connect to the Common Core State Standards and engage students in critical thinking, problem-solving and sound decision-making in the consumer financial enterprise. Participants observe, reflect on and implement lessons based on course content through related lab experiences.
Prerequisite(s): EDUC5230.
Offered at Providence
3 Semester Credits
EDUC5230 Strategies for Teaching Business
This course provides aspiring business teachers with information and experiences that will help them develop and deliver effective instructional programs for students at the secondary level. Teacher candidates put instructional theory into practice in the areas of lesson planning, classroom instruction, management, and assessment. In both class and fieldwork settings in high school classrooms, teacher candidates engage in planning, delivering and evaluating lessons, and providing feedback to support student learning in the business classroom. Discussion of readings, reflection on practice, and the use of technological advancements in the classroom setting enrich the learning experience.
Prerequisite(s): EDUC5130.
Offered at Providence
3 Semester Credits

EDUC5240 Methods of Teaching Culinary Arts
This methods course provides students with the knowledge of the principles and techniques of instruction as it pertains to the experiential classroom of culinary arts. Emphasis is on long-range and daily plans, methods, tools, and skills of instruction. The organization of instructional materials and supplementary materials in order to accommodate special needs and individual differences among students in today's diversely populated secondary and post-secondary school classrooms is stressed. Participants observe, reflect on and implement lessons based on course content and through related lab experiences. Students are required to synthesize the content of the course, current research and best practices with their fieldwork experiences.
Prerequisite(s): EDUC5130.
Offered at Providence
3 Semester Credits

EDUC5260 Strategies for Teaching Mathematics
This course is based on best practices in level two and level three research for delivering mathematics instruction. Value is placed on thinking, reasoning, and communicating mathematically and making connections among mathematical ideas and real-world situations. All course content is connected to teacher moves based on the Ten Principles of Thinking Mathematics and student habits of mind based on the Eight Mathematical Practices. Participants observe, reflect, write and implement lessons based on course content through related lab experiences. Participants use protocols for looking at student work. This course provides an opportunity to deepen mathematical understandings and align instructional practice to Common Core Standards and Mathematical Language Routines.
Prerequisite(s): EDUC5130.
Offered at Providence
3 Semester Credits

EDUC5270 Advanced Methods of Teaching Culinary Arts
This advanced methods course is designed to expand upon the course outcomes of Methods of Teaching Culinary Arts. Students apply their knowledge of the principles and pedagogies for teaching culinary/pastry arts skills in both a lab and classroom environment. Emphasis is placed on understanding how students think, learn, communicate, and perform culinary/pastry technical skills in the experiential culinary arts classroom. Students construct a standards-based unit using a backward design framework and teach a lesson or series of lessons from their unit. Self, peer and instructor feedback is used to strengthen their teaching practice.
Prerequisite(s): EDUC5240.
Offered at Providence
6 Semester Credits

EDUC5280 Strategies for Teaching Science
Pre-service teachers critically analyze and develop science curriculum that meets the needs of all learners using the Understanding by Design (UbD) framework. Teacher candidates review science content as they synthesize the Next Generation Science Standards to determine enduring understandings that are critical for real-world application. Emphasis is placed on the incorporation of the eight science and engineering practices within inquiry-based science experiences. Teacher candidates are required to demonstrate high levels of reflection to connect current research to observations in lab experiences.
Prerequisite(s): EDUC6120.
Offered at Providence
3 Semester Credits

EDUC5315 Exploration of Teaching and Learning
This course examines fundamental principles, beliefs and issues in teaching and learning. Participants explore these areas of inquiry to develop a vision of effective teaching that serves as the foundation for the M.Ed. in Teaching and Learning program at Johnson & Wales University. Emphasis is on the importance of developing accomplished practice and the potential of effective teaching to support significant student learning. Various educational and instructional theories, philosophies, practices and programs are explored to evaluate their role in contributing to accomplished teaching. Emphasis is given to the critical role of research and data to guide instruction and instructional planning. Through critical analysis, coursework and reflection, participants analyze and apply these understandings to their teaching context in a ‘classroom as laboratory’ model.
Offered at Providence
4.5 Semester Credits

EDUC5335 Culturally Responsive Teaching
This course examines the learner and his/her role in the teaching and learning equation and how the teacher can impact the learning process. The focus of the course is on the interactive nature of teaching for learning in which the teacher continuously and proactively acts to support students and their learning. A major theme of this course is knowing students as individuals and how students’ culture, backgrounds, strengths and challenges affect teaching and learning. Emphasis is also placed on knowing how students learn and the use of this knowledge to support student learning and design effective learning environments. Connecting these two threads is the essential role of the teacher to actively monitor and manage the learning environment and student learning. Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context to document their emerging mastery and use of strategies to support student learning.
Offered at Providence
4.5 Semester Credits

EDUC5355 Standards and Curriculum Development
This course examines the nature and roles of standards, standards-based learning, curriculum and instructional design. Emphasis is on identifying how standards support and inform student learning, the relationship between curriculum and classroom instruction, and the focus of the teacher in planning and designing effective learning experiences. An additional theme of the course is the teacher’s crucial role as designer, producer, consumer and reviewer of curriculum and instruction. Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context to document their emerging expertise.
Prerequisite(s): EDUC5315.
Offered at Providence
4.5 Semester Credits

EDUC5375 Instructional Strategies and Resources
This course examines high quality curriculum design with emphasis on instructional strategies and resources and their impact on student learning. Strategies and resources that effective teachers use to support students and their learning are explored, such as teaching as an iterative process, and matching instructional use of strategies and resources that are based on research, best practices, content, and student needs. Emphasis is also given to the essential role of reflection and revision, as effective teachers continuously monitor and learn from their practice. Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context to document their emerging expertise with the selection and use of instructional strategies and resources.
Prerequisite(s): EDUC5315.
Offered at Providence
4.5 Semester Credits
EDUC5400 Using Feedback to Support Learning in Culinary Education
This course explores how assessment and resulting data are used to guide and inform instruction in the culinary classroom/kitchen. A major theme of the course is formative assessment as a tool to effectively monitor, respond to, and advance student learning. Participants examine how students think and develop skills in the culinary setting and design lessons that strategically use the formative assessment process to assess learning and guide instruction for whole class, small group and individual learners. In addition, participants explore and apply strategies that allow their students to use feedback to improve learning. Emphasis is given to the use of rubrics, grading practices and the effective use of technology strategies to assist in the process of formative assessment.
Prerequisite(s): EDUC5240.
Offered at Providence
3 Semester Credits

EDUC5445 Strategic Assessment and Evaluation
Instructional designers need to be able to develop assessments and evaluations that measure learning and performance improvement of different types of learners in various settings. This course teaches students how to develop assessment and evaluation tools that benefit learners within the higher education or corporate environments. Students become familiar with assorted assessment and evaluation models, application of models, and their outcomes. Course work culminates in the completion of a performance improvement plan where students design valid, fair assessment instruments to measure performance improvement. (OL)
Offered at Online
3 Semester Credits

EDUC5600 Socio-Cultural Foundations, Intercultural Communication and Accountability
This course introduces students to the current sociopolitical issues and state/school accountability in ESL and bilingual programs. Students examine the sociocultural and legal contexts of instruction and current research related to immigration and minority achievement. Students research various ethnolinguistic groups represented in Rhode Island school populations. (HY)
Offered at Providence
3 Semester Credits

EDUC5620 Second Language Acquisition
This course provides an introduction to second language acquisition (SLA) theory and practice. Through readings, discussion and fieldwork experience, students explore the relevance of SLA research for second language learning and teaching in a variety of contexts. In-depth analysis of SLA theory from past to present supports the students’ fieldwork and enables them to discuss and analyze grammar, linguistics and teaching methods through the lenses of SLA theories.
Prerequisite(s): EDUC6600. (HY)
Offered at Providence
3 Semester Credits

EDUC5640 Applied Linguistics and Grammar Pedagogy
This course introduces applied linguistics and grammar pedagogy to content area teachers who are working with English Language Learners (ELLs). Focus is on understanding how phonetics, phonology, morphology, syntax, semantics and pragmatics affect contemporary English usage. By studying the sounds, structures, organization and meaning of English words, phrases and sentences, students gain a better understanding of the linguistic challenges encountered by ELLs. Coursework includes translating words and phrases into the International Phonetic Alphabet, identifying articulatory descriptions of English language consonants and vowels, diagramming sentences, and analyzing the oral and written communication of an English language learner, all to better understand how to help ELLs acquire English language proficiency in various content areas.
Prerequisite(s): EDUC5620. (HY)
Offered at Providence
3 Semester Credits

EDUC5660 Instructional Strategies and Methods for English Language Learners
In this course, students research various teaching methods and approaches in Teaching English to Speakers of Other Languages (TESOL). Students examine a variety of classroom contexts, student populations and pedagogical approaches. In addition, students receive on-site experience in a classroom with English Language Learners (ELLs), observing and analyzing methodologies used to facilitate English language learning. Ultimately, students design classroom lessons and units that reflect an understanding of best practices in teaching to ELLs.
Prerequisite(s): EDUC5640. (HY)
Offered at Providence
3 Semester Credits

EDUC5680 Performance-Based Assessment of English Language Learners
This course serves as an introduction to the research and evaluation of assessment standards for content area teachers who are working with English Language Learners (ELLs). Students in this course analyze and design authentic, content-specific assessments as well as recognize the importance of evaluating language testing instruments. Finally, students complete a 25-hour practicum that allows for the implementation of assessment strategies that focus on the relationships between second language proficiency, academic achievement, sociocultural dimensions and non-biased assessment tools.
Prerequisite(s): EDUC5660. (HY)
Offered at Providence
3 Semester Credits

EDUC6120 Assessment for Student Learning
This course explores how assessment and resulting data are used to guide and inform instruction. Students use formative assessment as a tool to effectively monitor, respond to, and develop student learning. Participants examine how students think and develop skills in their discipline and design lessons that strategically use formative assessment strategies to assess learning and guide instruction. Participants implement a lesson applying formative assessment and collaboratively reflect upon the lesson with peers in order to improve their practice. Emphasis is given to the use of rubrics, grading practices and the effective use of technology strategies to assist in the process of formative assessment.
Prerequisite(s): EDUC5130.
Offered at Providence
3 Semester Credits

EDUC6230 Disciplinary Literacy in the Social Studies Classroom
This methods course is designed to provide knowledge of how to design and teach an integrated study of social sciences and the humanities to promote historical understanding and civic competence among students. Emphasis is on instruction that facilitates the teaching of social studies content, skills and disciplinary literacy through daily and long-range planning aligned with the Understanding by Design framework, and the use of research-based, best-practice methods. The course also emphasizes the tools and skills of instruction and the organization of instructional and supplementary materials in order to accommodate the special needs and individual differences among students in today’s diverse elementary school classrooms. Based on course content and collaboration with cooperating teachers, participants design a content area unit to be implemented during student teaching.
Prerequisite(s): EDUC6120.
Offered at Providence
3 Semester Credits

EDUC6280 Performance-Based Assessment of English Language Learners
This course serves as an introduction to the research and evaluation of assessment standards for content area teachers who are working with English Language Learners (ELLs). Students in this course analyze and design authentic, content-specific assessments as well as recognize the importance of evaluating language testing instruments. Finally, students complete a 25-hour practicum that allows for the implementation of assessment strategies that focus on the relationships between second language proficiency, academic achievement, sociocultural dimensions and non-biased assessment tools.
Prerequisite(s): EDUC5660. (HY)
Offered at Providence
3 Semester Credits

EDUC6290 Disciplinary Literacy in the Social Studies Classroom
This methods course is designed to provide knowledge of how to design and teach an integrated study of social sciences and the humanities to promote historical understanding and civic competence among students. Emphasis is on instruction that facilitates the teaching of social studies content, skills and disciplinary literacy through daily and long-range planning aligned with the Understanding by Design framework, and the use of research-based, best-practice methods. The course also emphasizes the tools and skills of instruction and the organization of instructional and supplementary materials in order to accommodate the special needs and individual differences among students in today’s diverse elementary school classrooms. Based on course content and collaboration with cooperating teachers, participants design a content area unit to be implemented during student teaching.
Prerequisite(s): EDUC6120.
Offered at Providence
3 Semester Credits

EDUC6250 Coding, Apps, and Digital Collaborative Tools
This course provides an understanding of digital collaborative tools and emerging technology in order to create authentic learning. It introduces programming and apps for student engagement for digital learners. Students learn about these various digital technologies and how to design and infuse them into their pedagogy. Through in-class, individual, hands-on instruction and team-based experiential learning, students incorporate these innovative tools into their classrooms to create purposeful curriculum design with 21st-century tools.
Prerequisite(s): EDUC5230.
Offered at Providence
3 Semester Credits
EDUC6315 Assessment and Evaluation in Education
This course examines the field of assessment, major issues and trends, and the impact of assessment on teaching and learning. Students explore the various types and purposes of assessments, and examine foundational concepts of the field, such as validity and reliability. Students look at a variety of large and small-scale assessment data and explore the use of data to inform curricular and programmatic changes.
Prerequisite(s): EDUC5375.
Offered at Providence
4.5 Semester Credits

EDUC6335 Embedding Formative Assessment in Teaching Practices
This course extends and deepens understandings about the impact of assessment on teaching and learning. The course focuses on assessment as a teaching and learning strategy as opposed to simply being a matter of testing and evaluating. A major theme of the course is formative assessment as a tool to effectively monitor, respond to, and develop student learning. Emphasis is also given to the use of learning progressions, rubrics, collaboratively examining student work and the student’s role in assessing their learning.
Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context to document their emerging concept of assessment for learning.
Prerequisite(s): EDUC5375.
Offered at Providence
4.5 Semester Credits

EDUC6355 Supporting Learners in a Challenging World
This course examines the broad context of contemporary education. From issues of economic instability to the demands of college and career readiness, today's educators must support students who arrive in the classroom facing any number of family, mental health, economic, and societal issues. Each course participant takes a deep dive into one issue to determine impacts on students and learning. Research in education and related fields is used to develop recommendations to support students academically, emotionally and socially, building skills and knowledge that lead to increased grit and resiliency. Students complete a case study to put their learning into practice.
Through sharing research in this learning community, course participants benefit from each other's growing expertise.
Prerequisite(s): EDUC6315.
Offered at Providence
4.5 Semester Credits

EDUC6375 Teaching: A Call to Action
This course explores the multiple and critical roles accomplished teachers engage in and fulfill to support student learning and advance the goals of the larger educational community. The focus of the course is on how and why accomplished teachers, in addition to their instructional responsibilities, must act as learners, leaders and collaborators with their colleagues, the community and students' families to maximize learning and advance the culture of learning and teaching. In addition to examining these critical roles, participants demonstrate, share and reflect upon evidence of their emerging engagement in each. As the last course in the M.Ed. in Teaching and Learning, this course requires that degree candidates connect and synthesize learnings and central themes, which have evolved during their work in the program, to their ongoing efforts to be learners, leaders and collaborators.
Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context and develop a path for continuous future growth.
Prerequisite(s): EDUC6315.
Offered at Providence
4.5 Semester Credits

EDUC6397 Assessment for Learning: Part 1
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. Students internalize the role of formative assessment in the teaching and learning process and learn a variety of strategies that have a profound impact on student success. Participants apply course learnings to their teaching situation and reflect on the power of formative assessment to change the focus in the classroom from "Did I teach it?" to "Have they learned it?".
Prerequisite(s): EDUC5330.
Offered at Providence
3 Semester Credits

EDUC6398 Assessment for Learning: Part 2
This course extends and deepens understandings about the impact of assessment on teaching and learning. The course focuses on assessment as a teaching and learning strategy as opposed to simply being a matter of testing and evaluating. A major theme of the course is formative assessment as a tool to effectively monitor, respond to and develop student learning. Emphasis is also given to the use of learning progressions, rubrics, collaboratively examining student work, and the students’ role in assessing their learning.
Through critical analysis and coursework, participants analyze and apply these understandings to their teaching context to document their emerging concept of assessment for learning.
Prerequisite(s): EDUC6397.
Offered at Providence
3 Semester Credits

EDUC6570 Classroom Management in the Culinary Arts
The purpose of this course is to provide pre-service culinary/baking teachers with group and individual behavior management and instructional procedures that can be used in a variety of educational environments. Course content provides both theoretical understanding and practical application of strategies aimed at creating safe, encouraging and effective learning environments. Emphasis is placed on the use of evidence-based instructional procedures rather than the content (i.e., curriculum) of instruction, behavior and program evaluation, and core management principles. Specific focus is on the unique challenges and opportunities of the culinary/baking setting.
Prerequisite(s): EDUC5270.
Offered at Providence
3 Semester Credits

EDUC6610 Sustaining a Culinary Arts Program
This course is designed to prepare students to sustain culinary arts programs in secondary and postsecondary settings. Through an examination of prototypes, case studies and existing programs, students evaluate features of culinary arts programs with respect to their structure, educational quality, funding sources and marketing strategies. Emphasis is placed on how these elements are interconnected and how programs can be made more sustainable through specific strategies. Students synthesize their findings and develop a fiscally sustainable program that meets the needs of students.
Prerequisite(s): EDUC5270.
Offered at Providence
3 Semester Credits

EDUC6610 Student Teaching Part 1: Elementary Education
Students in this course spend 30 school days in a supervised teaching situation at a public elementary school (grades 1–6) or middle school (grades 4–6) site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to meet program requirements, students must complete both Part 1 and Part 2 of this placement.
Prerequisite(s): EDUC6120.
Offered at Providence
3 Semester Credits
EDUC6920 Student Teaching Part 2: Elementary Education  
Students in this course continue the Student Teaching Part 1: Elementary Education placement in a supervised teaching situation at a public elementary (grades 1–6) or middle school (grades 4–6) site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students may participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.  
Prerequisite(s): EDUC6910.  
Offered at Providence  
3 Semester Credits

EDUC6930 Student Teaching Part 1: Business Education  
Students in this course spend 30 school days in a supervised teaching situation at a public secondary school site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students may participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.  
Prerequisite(s): EDUC6120.  
Offered at Providence  
3 Semester Credits

EDUC6940 Student Teaching Part 2: Business Education  
Students in this course continue the Student Teaching Part 1: Business Education placement in a supervised teaching situation at a public secondary school site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students may participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.  
Prerequisite(s): EDUC6930.  
Offered at Providence  
3 Semester Credits

EDUC6950 Student Teaching Part 2: Culinary/Baking Education  
Students in this course continue the Student Teaching Part 1: Culinary/Baking Education placement in a supervised teaching situation at a public secondary school site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students may participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.  
Prerequisite(s): EDUC6950.  
Offered at Providence  
3 Semester Credits

EDUC6960 Student Teaching Part 2: Culinary/Baking Education  
Students in this course continue the Student Teaching Part 1: Culinary/Baking Education placement in a supervised teaching situation at a public secondary school site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students may participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.  
Prerequisite(s): EDUC6960.  
Offered at Providence  
3 Semester Credits

EDUC6970 Capstone Part 1: Culinary/Baking  
Students in this course (and Part 2 of same) spend 15, 30 or 45 class days in a supervised teaching situation at Johnson & Wales University. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the JWU clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of all applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. In addition, along with the capstone faculty, each student designs and implements a culinary/baking curriculum capstone project that is research-based and tied to strong educational practice learned throughout the program. The scope of the project is tied to the length of the student teaching done as part of the overall capstone experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.  
Prerequisite(s): EDUC6970.  
Offered at Providence  
3 Semester Credits

EDUC6980 Capstone Part 2: Culinary/Baking  
Students in this course (and Part 1 of same) spend 15, 30 or 45 class days in a supervised teaching situation at Johnson & Wales University. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the JWU clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of all applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. In addition, along with the capstone faculty, each student designs and implements a culinary/baking curriculum capstone project that is research-based and tied to strong educational practice learned throughout the program. The scope of the project is tied to the length of the student teaching done as part of the overall capstone experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.  
Prerequisite(s): EDUC6980.  
Offered at Providence  
3 Semester Credits

EDUC7004 Research I  
This course prepares students to analyze, synthesize and apply research to educational issues and challenges in educational settings. Students draw on their professional experience in these settings to identify and analyze problems, formulate research questions, critique existing research, and use a variety of research to improve policies, programs and practices. (HY) (OL)  
Offered at Online, 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. (HY)
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 education 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. (HY) (OL)
Offered at Online, Providence
6 Semester Credits

EDUC7030 Teaching and Learning in Higher Education
This course prepares students to lead reform initiatives in teaching and learning in higher education settings. The course focuses on the relationships among curriculum, instruction and assessment. Students are given opportunities to examine key issues and problems 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. (HY) (OL)
Offered at Online, 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 effectively to meet current and future demands. (HY) (OL)
Offered at Online, Providence
6 Semester Credits

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. (HY)
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. (HY)
Offered at Providence
6 Semester Credits

EDUC8004 Research II
Research II builds upon the content and skills acquired in Research I. The course prepares students to design and conduct qualitative and quantitative research addressed to significant educational issues and challenges in education settings. Students work in these settings to create research designs, collect and analyze qualitative and quantitative data, and derive/report findings and conclusions.
Prerequisite(s): EDUC7004 or EDUC7006 or EDUC7007. (HY) (OL)
Offered at Online, 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. (HY) (OL)
Offered at Online, 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.
(HY)
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. (HY) (OL)
Offered at Online, Providence
6 Semester Credits
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. (HY) 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. (HY) (OL) Offered at Online, 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. (HY) 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. (HY) (OL) Offered at Online, 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. (HY) (OL) Offered at Online, 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

EMGT5005 New Product Development
The focus of this course comprises the factors to be considered when developing new products and/or technologies. Topics include the development of new product strategy and policy, product market strategies and market research, application of new product development processes, product development tools and metrics, and organizational issues associated with the product development process. Case studies are utilized to examine the five key phases in the NPD process, opportunity identification/selection, concept generation, concept/project evaluation, development and launch. Emphasis is placed on the role the product development/engineering manager has in leading product strategy and product development teams in the NPD process. (OL) Offered at Online
3 Semester Credits

EMGT5010 Engineering Leadership & Innovation Management
The concepts, theory and practice in engineering leadership are introduced. Topics introduced and examined are team building, communication, leadership styles, ethical behavior, conflict resolution, and managing change as they apply in technical settings within a global business environment. Strategies to develop effective teams to achieve optimum results are examined. Methods for developing effective written and oral communication for product or process proposals are covered. Leading innovation and developing and managing creativity in the engineering design and development process is explored. (OL) Offered at Online
3 Semester Credits

EMGT5020 Economics & Finance for Engineering Management
This course is a survey of material relevant to financial decision-making for engineering management. Topics presented include financial statements, the budgeting process, financial forecasting, and economic planning for future growth or decline. The course introduces economic models and methods used in the analysis of decision-making by engineering managers.
Prerequisite(s): DATA5100. (OL) Offered at Online
3 Semester Credits

EMGT6010 Engineering Decision Management and Risk Analysis
This course covers the fundamentals of decision analysis and risk management with applications in engineering. Emphasis is placed on quantitative and qualitative tools (such as MS Excel Solver, Analytic Solver Platform, and decision trees). This course introduces decision modeling techniques by focusing on the development and analysis of models for a variety of engineering management problems and includes elements of decision problems and organizational use of decision analysis.
Prerequisite(s): DATA5100, EMGT5020. (OL) Offered at Online
3 Semester Credits

EMGT6020 Engineering Management Capstone
The engineering management capstone is a team-based multidisciplinary project that addresses an engineering management problem. The project requires the integration of principles, theories, methods and tools utilized and presented in the engineering management program coursework. Students analyze, synthesize and evaluate learned knowledge and create deliverables which include a written report and oral presentation to support the solution to the project problem.
Prerequisite(s): Completion of 12 credits of Engineering Management courses. (OL) Offered at Online
3 Semester Credits

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 proficiency assessed as Unsatisfactory in ENGO100, or ENGO101/ENGO1027 equivalency has been satisfied outside of Johnson Wales University. (HY) (OL) Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE
0 Semester Credits
ENG0025 Writing Proficiency I
This course affords an opportunity to students to master the basic writing skills necessary to write at the college level. Students review sentence structure, paragraph development, and essay organization with the goal of applying these skills to the classroom and the workplace.
Offered at North Miami
0 Semester Credits

ENG0050 Writing Proficiency II
This course affords an opportunity to students to master the intermediate writing skills necessary to write at the college level. 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): Corequisite: ENG1020.
Offered at North Miami
0 Semester Credits

ENG1000 Writing Assessment
Writing Assessment serves as the vehicle by which a student’s Graduation Writing Requirement Assessment score is recorded. This course is a corequisite of ENG1021 Advanced Composition and Communication Skills and ENG1027 Honors Advanced Composition and Communications: Civic Discourse. Students begin preparation for the Graduation Writing Requirement Assessment in ENG1020 English Composition or ENG1024 Honors Composition: Writing in the Academy and continue preparation for the assessment in ENG1021 or ENG1027. Administration of the assessment occurs in the latter part of ENG1021 and ENG1027. (HY) (OL)
Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE
0 Semester Credits

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
3 Semester Credits

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
3 Semester Credits

ENG1024 Honors Composition: Writing in the Academy
This Honors composition course introduces students to academic writing by exposing them to various discipline-specific ways of knowing, all of which stress critical thinking, research skills and the writing process. Students gain access to multiple perspectives on issues that cut across the curriculum, allowing them to analyze, synthesize, and evaluate these issues in ways that promote academic rigor, readiness for success throughout their academic program, and the skills critical to writing an engaging Honors Thesis. Students will write summaries and analyses of individual readings, expositions of interdisciplinary approaches, and a proposal for a project that comprises an academic research paper and oral presentation.
Prerequisite(s): Honors status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

ENG1027 Honors Advanced Composition and Communications: Civic Discourse
This advanced course in composition and communications builds on the skills developed in Honors Composition: Writing in the Academy (ENG1024) by introducing the element of civic discourse into academic writing in the disciplines. Having studied the conventions of academic writing in multiple disciplines, students now consider issues from the perspective of citizen-scholars. They examine controversial issues in the public sphere by studying rhetorical strategies of persuasion, and determining how classical rhetorical theories inform current socio/political debates. Students are required to participate in these debates as writers, researchers, and public speakers who can make effective persuasive arguments. The culminating assignment is a research/persuasive project comprised of an academic paper and a multimedia campaign.
Prerequisite(s): ENG1024 or English placement, honors status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

ENG1030 Communication Skills
This introductory course focuses on communication skills essential to career and personal success. Emphasis is placed upon awareness of and adaptation to the audience, ethical responsibility and cultural diversity. Students progress in gradual stages, gaining an understanding of the communication process along with confidence and experience in numerous speaking, listening and small group interactions. (OL)
Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENG2010 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 Denver, Online, Providence, Providence CE
3 Semester Credits

ENG2030 Introduction to Technical Communication
This course provides an introduction to workplace communication that enables people to make decisions and perform tasks, technical communication spans a broad range of fields in which individuals and teams create a range of compositions including reports, proposals and instructions for a variety of audiences, purposes and circumstances. In this introductory course, students combine individual and collaborative work to advance their skill in analyzing rhetorical situations to enable planning and executing compositions for a variety of workplace audiences, purposes, and circumstances for delivery in multiple media.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENG2100 Introduction to Linguistics
This course provides an introduction to linguistics, the scientific study of language. Students gain an understanding of the core areas of linguistics including morphology, phonetics and phonology, syntax and semantics. Students explore the components of grammar and how to characterize language and become familiar with linguistic research.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Denver, Providence, Providence CE
3 Semester Credits

ENG2135 Honors Seminar: Voice to Power — Public Speaking and Civic Responsibility
This course focuses on developing oral and written communication skills in the context of civic communication and communication in the public sphere. Students not only learn oral communication skills involving diction, body language, audience awareness and delivery, but also demonstrate understanding of rhetorical theory and analysis. Using memorable speeches from history and the current day, students identify the rhetorical strategies used and learn how to apply these skills to their own public speaking. Emphasis is on informative and persuasive speaking occasions and on learning from successful public speakers of past and present.
Prerequisite(s): Honors status.
Offered at Denver, North Miami, Providence
3 Semester Credits
ENG2401 Introduction to Creative Writing
This course offers students the opportunity to practice various forms of expressive writing. Students study models and learn techniques for writing effective poetry and prose. Instructors may also incorporate drama into the course work. Most of the daily class periods consist of discussion, lecture, in-class writing and workshops of student writing.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

ENG2500 Histories and Theories of Rhetoric and Composition
This course serves as an introduction to rhetorical theory and composition studies, with a focus on the ways in which educational and other societal practices have affected persuasion in speaking and writing. Through close readings of major works, students explore how the field has evolved from the teachings of ancient Greek and Roman rhetoricians to contemporary composition scholars. Students discuss works such as Aristotle’s Rhetoric and Peter Elbow’s Writing Without Teachers, analyzing the effect that key scholars in rhetoric and composition have had on contemporary writing practices.
Course work includes designing assignments and constructing projects that focus on the ways in which rhetoric functions in daily life as well as on how educational practices in the teaching of writing and speaking have changed over time.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Denver, Providence
3 Semester Credits

ENG3010 Technical Editing
This course prepares students for the responsibilities of an editor of common technical documents such as manuals/instructions, websites, reports or proposals delivered in print or online. Topics include copyediting, substantive (comprehensive) editing, and document design for final production. The principle of contextual editing for a range of purposes and audiences is emphasized, as well as the role of the editor as a team member in organizational settings. The student’s command of grammar, sentence construction, and style is advanced and refined.
Prerequisite(s): ENG1021 or ENG1027, ENG2010 or ENG2030. (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

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 Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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 Denver, North Miami, Online, Providence
3 Semester Credits

ENG3016 Advanced Business Communication
This course prepares students to perform high-stakes written and oral communication tasks in organizational or entrepreneurial settings in a 21st-century global economy. Building on skills introduced in earlier composition and communication courses, students plan, compose and deliver documents and presentations for a diverse range of external and internal audiences. The course requires the highest level of professionalism not only in producing quality documents but also in interacting with external and in-house contacts.
Prerequisite(s): ENG1021 or ENG1027, ENG1030. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENG3030 Introduction to Food Writing
This course provides students with an opportunity to concentrate on food writing for cookbooks, magazines, newspapers and websites. In addition to becoming familiar with the genre, students are introduced to the protocol for getting published. Students learn how to develop and compose food features and restaurant reviews, as well as construct and edit recipes. Interview techniques, query letters and tailoring work to various publications are also taught.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENG3050 Introduction to Travel Writing
This course provides students with an opportunity to concentrate on travel writing for books, magazines, newspapers and websites. In addition to becoming familiar with the genre, they are introduced to the protocol for getting published. Students learn how to develop and compose travel features and guidebook entries. Interview techniques, query letters, and tailoring work to various publications are also taught.
Prerequisite(s): ENG1021 or ENG1027, sophomore status. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENG3130 Introduction to Sports Writing
This course provides students with the opportunity to pursue the evolving world of sports writing. Students explore the history of sports writing from its early days to its current incarnation. Students study the masters, past and present, and then produce their own articles in print and online. The course further covers the genre’s societal significance and how new media have changed coverage. Course work includes lectures, writing workshops and critiques.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Denver, Providence
3 Semester Credits

ENG3150 Introduction to Fashion Writing
This course allows students to delve into the unique world of fashion writing, focusing both on the history and practice as they learn to craft compelling prose. Students explore past and current coverage, honing their journalism and multimedia skills, including blogging, photography and video. This course further examines the genre’s role in popular culture and its commercial aspects. Course work includes lectures, writing workshops and critiques.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

ENG3210 Food Media Presentation Skills
This course provides students the opportunity to develop media performance skills, specifically related to the culinary field, to effectively disseminate information and educate food and beverage consumers in the 21st century. Students are introduced to various forms of digital food media communication by analyzing and critiquing existing audio-visual media. Students also learn and practice food styling, writing and audio-visual performance techniques and are instructed in the creative and technical aspects of food media. This course affords students the opportunity to practice a variety of communication skills, including written communication (encompassing grammatical and organizational skills), oral communication (including content delivery, vocal dynamics and body language) and technical skills (including creating blogs and performing podcasts and video segments).
Prerequisite(s): ENG1021 or ENG1027, ENG1030.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

All Courses
ENG3300 Literary Editing and Publishing
This course combines the study of contemporary literary publishing and the practical skills of magazine production in literary creative arts. This course is a production class with the aim of producing a publication for public distribution, either hard-copy or electronically via a website or blog, thus providing students with the practical experience of producing a journal for a real-world audience that exists beyond the classroom. Focus is on improving students’ artistic appreciation of writing, art and/or photography. Students are exposed to all levels of the editorial process with special attention given to soliciting and reviewing submissions of poetry, fiction, drama, creative essays and art; fundamentals of style; copy editing; proofreading; and the principles and practices of design. Additional benefits include experience in teamwork, project leadership, communications, analysis of literature and art, marketing, and technology. Students learn to use software such as Adobe InDesign and Adobe Photoshop, or make use of other online platforms to analyze noteworthy print and digital literary journals as their texts for the course.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Denver, Providence
3 Semester Credits

ENG3320 Applied Research in Professional Writing and Literature
This course offers students an excellent opportunity to practice applied scholarship in the humanities, balancing technical online journal production, research, editing and writing practice. Students may repeat the course up to three times for credit. Working on the campus’s online journal, students provide first review of submissions before editorial and peer review, conducting research into the topic of the submission; maintain correspondence with writers and reviewers, learning how the journal production process works; and develop technical skills related to publishing an online journal. Students also gain practical experience conducting and supporting online interviews for the campus’s blog series. Students set up interviews, corresponding with scholars and artists; learn about audio production, blogging and online publication; conduct research in preparation for interviews; and in some cases moderate the interview itself. Finally, students manage the production of a cultural events series; they organize, promote, record, broadcast and moderate the discussions.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Denver
3 Semester Credits

ENG3402 Intermediate Creative Writing
This course offers students the opportunity to practice, develop and refine the creative writing skills they learned in ENG 2401. Students learn and practice techniques for discovering and organizing creative ideas, and advance their understanding of audience by researching potential markets to publish their work. Students learn the more advanced skills required for writing fiction, including narrative structures, voice, dialogue, scenes and transitions, and also learn poetic forms from various cultures, meter, and advanced poetic techniques. With permission of the instructor, students may elect to work with plays or screenplays in lieu of fiction. By the conclusion of the course, students identify the genre in which they plan to specialize and ultimately publish.
Prerequisite(s): ENG2401.
Offered at Denver, Providence
3 Semester Credits

ENG3601 Intermediate Nonfiction Writing
This course prepares students to read, analyze and write about nonfiction from different critical perspectives. Students study representative nonfiction writers and are exposed to a variety of forms and techniques of the essay from Montaigne in the 16th century to writers who are currently working to expand the idea of nonfiction writing. Students explore the history of the essay as well as recent developments in nonfiction-literary journalism and creative nonfiction. Additionally, students practice writing essays in a variety of forms, using the range of writers they study as models.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Denver, Providence
3 Semester Credits

ENG4403 Advanced Creative Writing Workshop
This course offers students the opportunity to read from the writer’s point of view and use the techniques of world-class writers and poets to create their own work, with constructive criticism from their peers and instructor. Students focus on one specific genre (fiction or poetry) with the goal of beginning a book-length project resulting in the completion of a submission package (sample chapters or poetry, a book proposal, and a detailed outline). Students also learn how to self-publish their work on Amazon software platforms.
Prerequisite(s): ENG3402.
Offered at Denver, Providence
3 Semester Credits

ENG4530 Advanced Food Writing: The Food Memoir
This advanced course introduces students to food memoirs for discussion, analysis and evaluation. Students examine the relationship of food to a number of relevant issues (culture, history, politics, family) as described in the food memoir and write about their own food memories and experiences, exploring how those memories and experiences reflect and comment upon culture, society and contemporary issues.
Prerequisite(s): ENG2401 or ENG3030.
Offered at Charlotte, North Miami
3 Semester Credits

ENG4602 Advanced Nonfiction Writing Workshop
This course allows students to develop their habits and skills as critical readers and creative writers, reading extensively in contemporary creative nonfiction and writing in a variety of the forms that contemporary creative nonfiction has taken. This course is a writing workshop, requiring the production of polished prose for most class meetings, and a continuation of developing the ability to analyze nonfiction prose of all types. Working in a variety of forms, students refine their ability to consider the relationship between form and purpose and audience; working through a number of drafts, students further develop their skills as critical readers and thoughtful, careful writers.
Prerequisite(s): ENG3601.
Offered at Denver, Providence
3 Semester Credits

ENG4900 Reading and Writing Life: Senior Portfolio Assessment
This capstone course culminates in an e-portfolio that illustrates students' development as readers, writers and scholars in the field of English. With faculty guidance, students gather, revise and organize their work to create a multi-modal platform that serves as a resource for job and school applications. Portfolios consist of a minimum of five pieces that show students' writing processes, five works that have been extensively revised and edited and are publication ready, an annotated bibliography of major course work, an eight to 10 page reflective piece, a resume, and a presentation of the e-portfolio to a select group of faculty and visiting professionals. Class work includes lecture, workshops and discussions.
Prerequisite(s): Senior status.
Offered at Denver, Providence
3 Semester Credits

ENGN1015 Introduction to Engineering
This first-year engineering course is designed as an introduction to engineering and the techniques and tools used in solving engineering problems. The engineering design process is utilized in the development of solutions to problems. Data analysis, formula construction and graphing techniques are developed through the use of software applications. Programming in MATLAB and simulation of electronic circuits are included. Individual as well as team problem-solving activities are required with written technical documentation. The nature of engineering ethics and professional responsibility are discussed and the impact of engineering solutions in a global, economic, environmental and societal context are addressed.
Offered at Providence
3 Semester Credits
ENGN2001 Digital Logic Design
This course focuses on the fundamental theory of combinational and sequential logic, including the analysis and design of digital circuits. Topics include numbering systems, logic gates, Boolean algebra, minimization of logic functions, timing diagrams, flip-flops, finite state diagrams, counters and registers. This course includes the use of FPGA software and tools for minimization, simulation, and schematic capture of combinational and sequential digital circuits.
Offered at Providence
4 Semester Credits

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
3 Semester Credits

ENGN2006 Circuit Theory II Lab
This course includes laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in ENGN2005 Circuit Theory II.
Prerequisite(s): ENGN2003, ENGN2004, MATH1040 (or concurrent), Corequisite: ENGN2005.
Offered at Providence
1 Semester Credit

ENGN2009 C Programming for Engineering
This programming course teaches students the fundamental principles of programming and using the C programming language to solve engineering problems. Students are familiarized with the process of design and development of computer programs to solve engineering problems using standard strategies and techniques used in industry. Topics covered include how programs are structured, how arrays and strings are processed, and how files are manipulated. Students gain experience with industry-specific hardware to interface with their programs.
Prerequisite(s): ENGN1015.
Offered at Providence
4 Semester Credits

ENGN2014 Computer Architecture I
This course is a study of the evolution of computer architecture and the factors influencing the design of hardware and software elements of computer systems. Topics include instruction set design; processor micro-architecture and pipe-lining; cache and virtual memory organizations; scheduling, standard hardware performance metrics (e.g., processor speed, number of bits per processor, address capacity, number of interrupt vectors, etc.), protection and sharing; I/O and interrupts; VLIW machines; multi-threaded architectures; symmetric multiprocessors; and parallel computers.
Prerequisite(s): CSIS1112, (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

ENGN2020 Transform Methods for Engineering
This course covers the time and frequency analysis of linear systems involving Fourier series, the Fourier and Laplace transforms. Transfer function analysis and synthesis principles are developed and placed into application settings. The role of the Laplace transform in network analysis including steady-state AC analysis is addressed. Equivalent state space models are developed.
Prerequisite(s): MATH2040.
Offered at Providence
3 Semester Credits

ENGN2025 Applied Mechanics I: Statics
This course is an introduction to the fundamental concepts of engineering mechanics. Topics include terminology, two and three dimensional force systems, determination of the resultant force of force systems, analysis of coplanar systems in equilibrium, centroids, and moments of inertia and friction.
Prerequisite(s): MATH1040 (or concurrent), (PHY1011 and PHY1016) or (PHY2011 and PHY2016).
Offered at Providence
3 Semester Credits

ENGN2035 Programmable Logic Controllers
This course is an introduction to programmable logic controllers (PLCs). It focuses on how 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): ENGN2101, ENGN2102 or (ENGN2005, ENGN2006).
Offered at Providence
3 Semester Credits

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 CSIS1101 or ENGN2009.
Offered at Providence
3 Semester Credits

ENGN2062 Artificial Intelligence
This course introduces students to the basic concepts of artificial intelligence, including some applications. The course first introduces the different methods of representing knowledge and inference methods. It is then followed by the study of rule based expert system, fuzzy expert systems and artificial neural networks. There is also a brief introduction to the area of evolutionary computation and genetic programming. Basic method of shape recognition and classifiers may be discussed. Some probability theory and Bayesian analysis are also covered in the course.
Prerequisite(s): CSIS1020 or CSIS1101 or ENGN2009, MATH1030 (or higher).
Offered at Providence
3 Semester Credits

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
3 Semester Credits

ENGN2085 Introduction to Embedded Systems
This is an introductory course in embedded systems, which is a project-oriented design course. Topics include embedded system architectures, memory systems and managements, sensors integrations, power managements, software development tools and platforms, and real-time operating systems.
Prerequisite(s): (CSIS1020 and ENGN2075) or (CSIS1023 and ENGN2014) or (CSIS2023 and CYB2010) or (ENGN2009 and ENGN2205).
Offered at North Miami, Providence
3 Semester Credits

ENGN2101 Linear Circuit Theory
This course provides a firm foundation in DC and AC circuit analysis. Emphasis is upon the understanding and application of Ohm’s law and Kirchoff’s Voltage and Current Laws in RC, RL and RLC circuits. Methods of linear systems analysis are introduced including Thevenin’s and Norton’s theorems and the superposition principle. The use of complex numbers and phasor analysis are used to analyze AC passive network circuits. The concepts of maximum power transfer, resonance and passive filters are also covered. Developing the ability to solve engineering problems to design, implement and test circuits to meet design specifications is a focus of the course.
Prerequisite(s): MATH1040 (or concurrent), Corequisite: ENGN2102.
Offered at Providence
3 Semester Credits
ENGN2102 Linear Circuit Theory Lab
The course includes laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in ENGN2101 Linear Circuit Theory.
Prerequisite(s): MATH1040 (or concurrent), Corequisite: ENGN2101.
Offered at Providence
1 Semester Credit

ENGN2205 Microcontrollers
This course covers introductory and advanced topics in microcontrollers. Topics covered include microcontroller architecture, assembly instruction set, machine code, assembly and high level programming, subroutines, interrupts, basic microcontroller peripherals and co-processors. Various memory technologies and basic memory design for microcontrollers, the interdependence of hardware and software, input/output, and microcontroller applications development tools and platforms are studied.
Prerequisite(s): ENGN2001, ENGN2009.
Offered at Providence
3 Semester Credits

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
3 Semester Credits

ENGN3005 Operational Amplifiers and Linear Circuits
This course focuses on the characteristics and application of operational amplifiers (OpAmps). The principles of feedback, open and closed loop operation, and inverting and non-inverting operation of operational amplifiers are explored as is the linear and non-linear operation of the OpAmp. Applications utilizing op-amps including its use as an integrator, differentiator, comparator and active filters are also included. Laboratory projects, both hands-on and simulation, are integrated to reinforce the theory presented in lecture with practical applications to determine device/component performance and operating conditions.
Prerequisite(s): (ENGN2007 and ENGN2008) or (ENGN2101 and ENGN2102), MATH2040.
Offered at Providence
3 Semester Credits

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, MATH11040 (or concurrent), (PHY1011 and PHY1016) or (PHY2011 and PHY2016)).
Offered at Providence
3 Semester Credits

ENGN3045 Electricity & Magnetism
This course is a study of the laws of electromagnetism including electrostatics, magnetostatics and electrodynamics. Maxwell’s equations and the mathematical foundations of vector analysis are presented.
Prerequisite(s): (ENGN2005 and 2006) or (ENGN2101 and ENGN2102), MATH2043, PHY2022, PHY2026.
Offered at Providence
3 Semester Credits

ENGN3053 Strength of Materials
Introduction to the fundamental principles of strength, stiffness, and stability as they apply to mechanical components.
Prerequisite(s): ENGN2025, MATH11040.
Offered at Providence
3 Semester Credits

ENGN3075 Applied Fluid Mechanics
This course studies compressible and incompressible fluid statics and dynamics as applied to hydraulic and pneumatic pumps, motors, transmissions and controls.
Prerequisite(s): MATH2040, ENGN3025, (PHY1011 and PHY1016) or (PHY2011 and PHY2016)).
Offered at Providence
3 Semester Credits

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
3 Semester Credits

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
3 Semester Credits

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
3 Semester Credits

ENGN3150 Solid State Devices
This course focuses on the characteristics and application of semiconductor devices in circuit design. The terminology, symbols, and applications of switching and rectifier diodes, Zener diodes, bipolar (BJT) transistors and Field effect (FET) transistors are examined. Circuit applications of power supplies, voltage regulation, small-signal amplifiers and power amplifiers are included.
Prerequisite(s): ENGN2101, ENGN2102, MATH11040, Corequisite: ENGN3151.
Offered at Providence
3 Semester Credits

ENGN3151 Solid State Devices Lab
This course includes laboratory project activities requiring design, simulation, implementation, measurement and testing of circuits to meet design specifications. Labs are designed to reinforce concepts discussed in Solid State Devices, ENGN3150.
Prerequisite(s): ENGN2101, ENGN2102, MATH11040, Corequisite: ENGN3150.
Offered at Providence
1 Semester Credit

ENGN3180 Microelectronics Design
This is a project-oriented design course. Topics covered include contemporary design methodologies, prototyping platforms, programmable devices, hardware description language, as well as design, verification, realizations of digital systems and their building blocks. This course also covers the process of development and prototyping of electronic systems starting from problem statement to final fabrication at system and board level.
Prerequisite(s): ENGN2085, ENGN2205.
Offered at Providence
3 Semester Credits
ENGN3302 Robotics
This course introduces students to the fundamental concepts and applications of robotics including the supporting disciplines of mechanics, motors, microprocessors, and the use of various sensors in robotic systems. Real-time programming and theoretical analysis of electrical, pneumatic and hydraulic servo control systems are covered as well as the theory and application of various sensors such as proximity, light, infrared, ultrasonic and vision. Students utilize microprocessor and microcontroller interfacing and engineering problem-solving skills in the creation of robotic projects in the course. Other topics of discussion and analysis include industrial applications in areas of automotive, semiconductor manufacturing, medical and aerospace.
Prerequisite(s): CSIS2023 or CSIS2050 or ENGN2009.
Offered at Providence
3 Semester Credits

ENGN3303 Industrial Robotics
This course includes an introduction to industrial robots, work cell integration, and manufacturing concepts with an emphasis on the implementation of Lean Manufacturing through design, integration and operation. Students explore how assembly line robots integrate into industrial production and how communications among Computer Numerical Control (CNC) machines, sensors, and pneumatic devices combine to make work cells. Simulated exercises and demonstrations reinforce the theory presented in lecture with practical applications.
Prerequisite(s): ENGN2101, ENGN2102, ENGN3302.
Offered at Providence
3 Semester Credits

ENGN3350 Mechatronics
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, as well as strategies to identify, localize and correct malfunctions.
Prerequisite(s): ENGN2035, ENGN2205.
Offered at Providence
3 Semester Credits

ENGN4000 Standards/Codes and Ergonomics
This course is an introduction to standards and regulatory codes governing 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 products and manufacturing procedures.
Offered at Providence
3 Semester Credits

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
3 Semester Credits

ENGN4010 Configuration Management
This course is an introduction to Configuration Management (CM) as a solution to engineering problems. Students are introduced to project management, change orders, documentation revision, product and project flow processes. Applications of CM are applied to the private corporate sector as well as to government agencies.
Prerequisite(s): Junior or senior status.
Offered at Providence
3 Semester Credits

ENGN4030 Digital Signal Processing
This course involves the study of Fourier analysis for discrete-time and continuous-time signals and systems, difference equation, Z-transforms, digital filter structures and transfer functions. Analysis of sampling and aliasing effects are also presented with design algorithms for IIR and FIR Digital filters. Digital signal processing functions are also discussed. In addition, the course covers selected, basic concepts in electronic communications such as the electromagnetic spectrum, modulation and demodulation, and transmission and reception of signals.
Prerequisite(s): MATH2043.
Offered at Providence
3 Semester Credits

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): ENGN3180.
Offered at Providence
3 Semester Credits

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
3 Semester Credits

ENGN4075 Robotics & Automation I
This course introduces students to the concepts and applications of robotics and automation. The study of robotics includes the supporting disciplines of mechanics, motors, microcontrollers, various sensors and artificial intelligence. The course covers the concepts of work envelope, real-time programming, and the theory of electrical, pneumatic and hydraulic servo control systems. Also, the theory and application of various sensors including temperature, proximity, ultrasonic and vision sensors, the use of microcontrollers, microcontroller interfacing, and artificial intelligence in robotic systems are addressed. Concepts in automation are covered, including manufacturing systems and elements in work cell.
Prerequisite(s): ENGN3015 or ENGN3350.
Offered at Providence
3 Semester Credits

ENGN4080 Robotics & Automation II
This is a design course incorporating the material studied in the areas of mechatronics, artificial intelligence and computer vision. The course integrates areas of knowledge in microcontroller interface for data acquisition of discrete, digital and analog data, robot kinematics, sensor design and sensor interfacing, communication, basic concepts in navigation and real-time programming.
Prerequisite(s): ENGN4075.
Offered at Providence
3 Semester Credits

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
3 Semester Credits
ENTR2001 Introduction to Entrepreneurship
This is an introductory course in entrepreneurship. The course demonstrates how entrepreneurs recognize business opportunities, develop ideas and identify markets. Students experiment with different methods of opportunity identification and ideation. Special focus is given to the application of design thinking to solve everyday problems. Students use this course to identify several alternative business ideas, assess their feasibility and choose the idea they wish to develop throughout their entrepreneurship studies. Students identify resources within and outside the university to help with their business development. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENTR2030 Pitching & Planning New Ventures
This course teaches students how to develop and present a business plan to pursue the opportunities they identified in previous coursework. Students conduct a business plan canvas to gather information and validate their ideas. Students utilize a web-based business-planning platform to help them organize and format their plans in a professional manner. Students prepare an executive summary, an elevator pitch and short presentation to “sell” their business concept to investors.
Prerequisite(s): ENTR2001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENTR3010 Small Business Consulting
This independent study course offers students an intensive, project-based experiential opportunity conducted under the supervision of a faculty member (site supervisor) and small business consultant (sponsor). Participants in the program formulate an agreed-upon plan with their sponsor and educator to counsel small business on problems dealing with marketing/sales, management, finance/accounting, and other relevant tactical/strategic issues. This course culminates in a formal Feasibility Study written document and presentation.
Prerequisite(s): ENTR3060, junior status.
Offered at Denver
3 Semester Credits

ENTR3015 Small Business Management
This course helps students put their business ideas into action by developing an operations plan and project schedule for new and existing small business owners. Classroom study focuses on the foundational aspects of running a new or existing small business, looking at operational, legal, risk management, and human resource issues throughout the start-up phase and the first few years of a business. Finance and Marketing issues are briefly addressed but will be studied in-depth in other courses. Project work focuses on drafting a project plan, and classroom learning is incorporated into the plan. Case studies that highlight the various challenges faced by new and existing small businesses are analyzed and discussed and creative problem solving is encouraged.
Prerequisite(s): Sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENTR3025 Growth and Sustainability for Small Business
This course covers the different methods emerging companies use to expand nationally and internationally. Emphasis is on the use of each strategy to accomplish growth and sustainability objectives and initiatives. Topics include methods for growing an emerging company, evaluating franchising systems, expansion tactics for small and large corporations, careers in emerging companies, and financing the expansion of a company. This course is relevant for any student interested in working as a change agent in an established company or starting and/or expanding his or her own company.
Prerequisite(s): ENTR2030 or ENTR3015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

ENTR3030 Marketing for Entrepreneurs
This course teaches future entrepreneurs how to market products and services effectively with limited resources. Entrepreneurs need to market to all constituents including customers, suppliers, lenders/investors and the community in which they operate. Students learn to interview potential customers, select their target market, construct basic web sites and social media pages and analyze marketing results. Special focus is placed on helping entrepreneurs build their brand.
Prerequisite(s): ENTR2030 or ENTR3015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENTR3060 Financing New Ventures
This course covers the financing of new business ventures. In this course students develop the financial portion of a business plan to include revenue estimates, expense projections, and an evaluation of their break-even point. Students construct professional Pro-Forma financial documents including the Income Statement, Balance Sheet, and projected cash flows. This is followed by a comparison of debt and equity financing options. Upon evaluation of the alternatives students recommend a financing plan for their business.
Prerequisite(s): ENTR2030. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENTR4010 Change and Innovation Management
This course explores the process of change and innovation as it relates to the development and implementation of knowledge to improve organizational competencies and enhance business performance. Change, both incremental and disruptive, is related to innovation through the analysis of its effect on the organization’s ecosystem to include its customers, employees, suppliers, etc. Topics include knowledge as a meaningful resource and competitive advantage; the innovation gate process; the difference between a knowledge creation organization and an information processing one; change as an instrument of innovation; and the various concepts and strategies of change to include Lewin’s Three Step Theory, Lippett’s Phases of Change Theory and the Disruptive Innovation Theory.
Prerequisite(s): ENTR2030 or ENTR3015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ENTR4055 Entrepreneurship Seminar
In this Entrepreneurship capstone course, students are required to synthesize knowledge gained from previous coursework to finalize their business plan and prepare to launch their businesses. Students finalize their business plans, prepare to pursue financing for the businesses, and either launch their business, create an MVP (Minimally Viable Product) of their business, or run a meaningful market test in this course. It is a hands-on, action-focused course that enables students to make final preparations to launch their business upon graduation.
Prerequisite(s): ENTR2030 or ENTR3015 or ENTR3050 or ENTR3060. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

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; psychology of the horse; and careers in the equine industry. Laboratory skills acquisition in horse management techniques include safe handling, grooming, mane and tail care, mane braiding, trimming and body clipping, blanket fitting and selection, saddle fitting and presentation of the sport horse in-hand.
Offered at Providence
3 Semester Credits

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.
Prerequisite(s): Corequisite: EQN1025.
Offered at Providence
3 Semester Credits
EQN1025 Equine Anatomy and Lameness Laboratory
Equine Anatomy and Lameness Laboratory is a laboratory companion course coordinated with EQN1020, which introduces students to techniques and equipment used in assessing equine musculoskeletal anatomy, conformation and movement of the horse with emphasis on applied comparative anatomy of the muscles, bones and circulatory system. Skills essential to prevention, recognition and treatment of common unsoundness and blemishes are introduced and applied. Techniques covered include lameness recognition and assessment and first aid of the hoof and distal limb.
Prerequisite(s): Corequisite: EQN1020.
Offered at Providence
1 Semester Credit

EQN1080 Equine Management Lab
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
1 Semester Credit

EQN1100 Fundamentals Of Collegiate Riding I
This course introduces and refines the correct balance seat position and correct use of the aids. Emphasis is on strengthening the position and security of the rider and introducing the application of basic riding theory. Riding etiquette and safety are practiced. Students continue to improve control and develop style both on the flat and may do the same over fences. Students work to refine and improve ground, grooming and tacking skills. Students develop their riding technique through the introduction and application of the German Training Scale. The importance of fitness and warming up correctly is incorporated in this course. Students work to master skills on a variety of horses. This is the initial riding course for first-year students. Student proficiency determines next course placement.
Offered at Providence
1 Semester Credit

EQN1110 Fundamentals of Collegiate Riding II
This course is a continuation in refining the correct balance seat position and use of the aids while learning to master skills on a variety of horses. Emphasis is on improving strength and security of the rider’s position and control of the horse through the application of basic riding theory. Riding etiquette and safety are practiced. Students continue to improve control and develop style on the flat and, where applicable, over fences. Students continue to refine and improve ground, grooming and tacking skills. Students work on progressing development of their riding technique through the application of the German Training Scale. The importance of fitness and warming up correctly is extended in this course. Student proficiency determines next course placement.
Prerequisite(s): EQN1100.
Offered at Providence
1 Semester Credit

EQN1150 Introduction to Dressage
This course introduces the rider to the sport of dressage, dressage terminology and theory. The rider works to show the understanding of riding the horse forward with a steady tempo into an elastic contact with independent, steady hands and a correctly balanced seat in all gaits. Lunge lessons and basic ring figures with correct geometry are used. Riding etiquette and safety as well as horse care and fitness are discussed. Students ride United States Dressage Federation (USDF) introductory-level tests to improve their accuracy and skills. Individualized goals and progress are developed and discussed with each student. Student proficiency is determined by United States Equestrian Federation or United States Dressage Federation test to determine next course placement. Students may repeat this course for credit once.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN1200 Introduction to Combined Training
This course is designed to introduce the fundamental concepts and skills needed to prepare the student for riding on the flat, basic dressage and jumping. The aim of the course is to develop a correct, balanced, supple and effective seat for dressage and jumping. Students learn the correct use of aids and exercises appropriate for the level. Focus is on the progressive development of the horse and rider to improve confidence and knowledge. Cavalletti work is used to improve the horse’s rhythm, cadence and strength and to improve the rider’s skills and technique. The importance of variety and versatility in the training process is analyzed. Students may repeat this course for credit once.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN1300 Equitation on the Flat
This course focuses on improving the rider’s development of a correct position while beginning to understand the use of effective aids to communicate with the horse. The expectation is for the rider to cultivate a centered and balanced seat on the horse and to be able to perform common movements used to warm up, condition, and exercise the horse in preparation for higher levels of flat work and jumping. Emphasis is on improving basic riding position and skills in order to advance in equitation and riding levels.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN1310 Fundamentals of Hunter Seat Equitation
This course introduces the rider to the fundamental concepts of riding in the hunter/equitation disciplines. Students begin to develop the correct hunt seat position and basic equitation skills according to the United Equestrian Federation rule book. Focus is on leg position, leg aids, hand position and developing a stable two-point and three-point position. Students work in walk, trot and canter with and without stirrups on the flat and over small courses 2'-2'3" on a variety of horses. Students may repeat this course for credit once.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN2000 Equine Diseases
This course develops knowledge of the common ailments of the horse. Identification of disease-producing organisms, signs of illness along with knowledge of vaccination and common disease prevention schedules prepare the student to recognize and prevent health problems. Common pharmaceuticals, emergency health care, parasitology and anthelmintic programs are studied.
Prerequisite(s): EQN2020, EQN2025.
Offered at Providence
1 Semester Credit

EQN2001 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): EQN1001, sophomore status.
Offered at Providence
3 Semester Credits

EQN2020 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, nervous, muscular, endocrine, integument, immune and urinary systems. The scientific conditioning of the horse for sports activities is studied with emphasis on the prevention of stress and the identification and utilization of therapeutic modalities in the treatment of injuries.
Prerequisite(s): EQN1020, EQN1025, Corequisite: EQN2025.
Offered at Providence
3 Semester Credits
**EQN2025 Equine Physiology and Sports Therapy Laboratory**

Equine Physiology and Sports Therapy Laboratory is a laboratory companion course coordinated with EQN2020, which introduces students to techniques and equipment used in assessing equine physiological body systems with emphasis on sports therapeutics of the musculoskeletal, respiratory and circulatory systems. Other skills covered include basic horse first aid and triage of common ocular, dermatological, respiratory, gastrointestinal and cardiovascular emergencies. Students work at the Center for Equine Studies during this course.

Prerequisite(s): EQN1020, EQN1025, Corequisite: EQN2020.

Offered at Providence

1 Semester Credit

**EQN2100 Training Level Dressage**

This course is designed to confirm that the rider and horses are supple and that the rider can ride the horse freely forward in a clear and steady rhythm, accepting contact with the bit. Instruction includes refinement of the dressage seat, basic gaitst and paces within the gait. Transitions, 20-meter circles, and three- and four-loop serpentines are refined and improved. Simple changes through the trot, turn on the forehand and leg yields are introduced. The training scale is discussed and emphasis is on the logical sequencing of schooling exercises in a training program. Students work on developing an independent seat and effective aids. Students ride training level tests to improve their accuracy and skills. Student proficiency is measured by a United States Equestrian Federation or a United States Dressage Federation test to determine next course placement. Students may repeat this course for credit once.

Prerequisite(s): Permission of instructor.

Offered at Providence

1 Semester Credit

**EQN2110 First Level Dressage**

This course is designed to confirm that the rider can achieve a greater degree of throughness and a more consistent contact with the bit. The refinement of the dressage seat, effective aids and harmony with horse are emphasized. Leg yields and 10- and 15-meter circles are refined. Trot and canter lengthenings are practiced and development of thrust and impulsion to achieve improved balance is refined. Emphasis is on the logical sequencing of movements in a training program and how it relates to the training scale. Cavaletti are used to improve rider and horse's development. Students ride first level tests to improve their accuracy and skills. Student proficiency is measured by a United States Equestrian Federation or United States Dressage Federation test to determine next course placement. Students may repeat this course for credit once.

Prerequisite(s): Permission of instructor.

Offered at Providence

1 Semester Credit

**EQN2200 Intermediate Combined Training**

This course is designed to improve the rider's skills through work in all gaits and over fences. Students focus on basic ring figures with correct geometry. Dressage tests at the introductory-level and training level are used to improve the rider's skills and accuracy. Basic gridwork and jumping small courses of 2'0'-2'3' are utilized to improve the rider's skills. Students focus on warming up the horse correctly and developing the skills to improve the training of the rider and horse. Students continue to improve control and develop style both on the flat and over fences. Work without stirrups helps riders gain confidence and improved balance. Student proficiency is measured by a United States Equestrian Federation or a United States Dressage Federation test to determine next course placement. Students may repeat this course for credit once.

Prerequisite(s): Permission of instructor.

Offered at Providence

1 Semester Credit

**EQN2320 Hunter Seat Equitation Novice**

This course continues to refine the techniques learned in EQN1310 Fundamentals of Hunter Seat Equitation. Students are introduced to the use of their seat aids in coordination with the leg and hand aids. Fundamental lateral movements are introduced to develop students' coordination of their aids. Emphasis is on the regulation of the horse's pace and balance on the flat and over fences. Students learn to negotiate and analyze more complex equitation courses 2'3'-2'6' and simple gymnastic lines. Jumping without stirrups is introduced. Students develop skills to demonstrate United States Equestrian Federation tests 1–8. Students may repeat this course for credit once.

Prerequisite(s): Permission of instructor.

Offered at Providence

1 Semester Credit

**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): EQN2001, (EQN2100 or EQN2200 or EQN2320), successfully complete Massachusetts Riding Instructor License Exam.

Offered at Providence

3 Semester Credits

**EQN3010 Equine Reproduction and Genetics**

This course is an advanced level course in equine reproductive physiology and breeding management. Topics include the anatomy and physiology of the stallion's and mare's reproductive systems, conception, gestation, the birth process, and care of the healthy and compromised neonatal foal. Techniques in artificial insemination, semen shipment and embryo transfer are studied. Field trips enable students to observe breeding and management techniques at selected farms and specialty reproduction veterinary clinics. Genetic inheritance of coat color and abnormalities pertinent to the horse breeding industry are studied.

Offered at Providence

3 Semester Credits

**EQN3025 Equine Nutrition**

This course studies the science and art of feeding horses. Digestive anatomy and physiology are discussed and dietary requirements of both healthy and compromised horses analyzed. Hay evaluation, types of concentrates and by-product feeds are discussed. Students produce a ration formulation project for horses with various nutrient requirements.

Prerequisite(s): EQN1001, EQN2020, EQN2025.

Offered at Providence

3 Semester Credits

**EQN3030 Equine Competition Management and Course Design**

In this course, students participate in the management and implementation of United States Equestrian Federation horse shows. Students apply their theoretical knowledge to real-world situations by evaluating and selecting venues, developing jumping courses and proposing specific types of horse shows for selected venues. Students determine the necessary personnel and marketing requirements for a selected competition. Students evaluate their own and the class's performance in the management of a competition.

Offered at Providence

3 Semester Credits

**EQN3040 Sport Horse Evaluation and Judging**

This course covers the relationship of form to function in the horse. Judging sport horses in hand with respect to conformation and movement is a major area of concentration. A competitive judging format is utilized to place classes of horses and provide written justifications. Performance horse judging emphasizes the basic gait of the dressage horse and the analysis of jumping technique. Ethical business practices of horse sales are discussed.

Prerequisite(s): EQN1020, EQN1025, EQN2000, sophomore status.

Offered at Providence

3 Semester Credits
EQN3120 Second Level Dressage
This course is designed to confirm that the rider can execute lateral movements, including shoulder-in, travers and renvers. Medium paces are introduced and refined. Counter canter and the beginning of collection work are introduced, and rein-back and simple changes through walk are refined. The horse should be ridden reliably on the bit and the rider should have independent aids. Advanced riding theory is discussed through textbooks and application of theory while riding. Students analyze and evaluate their horse’s progression and develop a training plan. Students ride second level tests to improve their skills and accuracy. Student proficiency is measured by a United States Equestrian Federation or United States Dressage Federation test to determine next course placement. Students may repeat this course for credit.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN3130 Third Level Dressage
This course introduces half pass and flying changes with a continuation of medium paces and extensions that are enhanced with increased engagement. Transitions within the gaits and the paces are refined. The rider should be able to ride the horse reliably on the bit and show a greater degree of straightness, bending, suppleness, thoroughness, balance and self-carriage. The rider continues to work on refining aids and seat to be fluent with the horse and become invisible with aids. The double bridle is introduced and students learn how to correctly use and ride with the double bridle. Students analyze and evaluate their horse’s progression and develop a training plan. Students ride third level tests to improve their skills. Student proficiency is measured by a United States Equestrian Federation or United States Dressage Federation test to determine next course placement. Students may repeat this course for credit once.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN3200 Advanced Combined Training
This course focuses on first level movements, test riding and improving skills over 2’6” courses and gridwork. The rider’s skills improve through work in all gaits and over fences. At this level, emphasis shifts to influencing the horse and training concepts. Students design a training program for the rider and horse in this course. Strength and suppleness of the rider are analyzed and addressed. Work without stirrups helps riders gain confidence and improve balance. Students work to master skills on a variety of horses on the flat and over fences. Student proficiency is measured by a United States Equestrian Federation or United States Dressage Federation test to determine next course placement. Student may repeat this course once for credit.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN3280 Introduction to Equine-Assisted Activities and Therapies
This course introduces students to the concepts and practices of Equine-Assisted Activities and Therapies (EAAT). The history of the use of equines for therapeutic purposes is explored and current studies performed within the industry are examined. Ethics and confidentiality as well as standards for PATH International programs and instructors are discussed. Volunteering and observing classes at an accredited therapeutic riding center throughout the course provides students with firsthand experience and insight into the field of therapeutic horsemanship.
Prerequisite(s): PSYC2002.
Offered at Providence
3 Semester Credits

EQN3290 Application of Equine-Assisted Activities and Therapies
This course focuses on teaching individuals with disabilities in an Equine-Assisted Activities and Therapies (EAAT) program. Students explore teaching techniques and strategies based on the content learned in Introduction to EAAT. Students create detailed lesson plans and assessment forms. The selection of therapy horses and equipment is examined and facility, volunteer, and risk management are discussed. Students gain experience by observing lessons and volunteering at an accredited therapeutic riding center throughout the course.
Prerequisite(s): EQN3280.
Offered at Providence
3 Semester Credits

EQN3330 Hunter Seat Equitation Intermediate
This course continues to develop skills required to negotiate more technical equitation courses and gymnastic lines 2’6”-2’9”. United States Equestrian Federation Equitation tests 1–19 are utilized to develop skills. The use of the automatic release is introduced. Emphasis is on the importance of flat work in developing better jumping. Advanced lateral work is introduced. Work is performed with and without stirrups. Students develop skills to perform United States Equestrian Federation tests 9–19. Students may repeat this course for credit once.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN3350 Equine Facility Design and Operation Management
This course covers a wide range of topics important to developing and managing an equine facility and maintaining a horse herd. Equestrian facility designs are analyzed and developed for efficient layout. Students create an operations plan based on the facility designed. The relationship between facility design, management practices, and their impact on environmental issues are explored.
Prerequisite(s): EQN1080, EQN2000, sophomore status.
Offered at Providence
3 Semester Credits

EQN3430 German Medal Training
This course prepares students for the Equine International Experience. The course focuses on the German Horse Training Scale and German Rider's Training Scale. Emphasis is placed on how the rider's aids influence the horse's movements. Students ride the figures and course tracks for the German Medals Tests Level 5 and Level 4. Students may repeat this course for credit.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

EQN4001 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 advanced lesson planning and practice teaching. Implementing lesson plans for group riding lessons and safely managing multiple horses and riders is explored and practiced. This course also prepares students for credentialed certification as a riding instructor and licensing as a riding instructor in Massachusetts.
Prerequisite(s): EQN3001.
Offered at Providence
3 Semester Credits

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): EQN3350, FIT1040.
Offered at Providence
3 Semester Credits

EQN4087 Equine International Experience
This course is designed to allow students to pursue advanced work in the equestrian discipline in an international setting. Students study at a selected host equestrian center in Germany to develop their riding skills using the 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 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. This course may be repeated once for credit.
Offered at Providence
3 Semester Credits
**EQN4088 Equine International Experience**
This course is designed to allow students to pursue advanced work in the equestrian discipline in an international setting. Students study at a selected host equestrian center in Germany to develop their riding skills using the world-renowned German Training System. Students develop skills in dressage, stadium jumping, cross-country jumping and training techniques depending on the specialty of the host site. Currently, students have studied at the German Riding School in Warendorf, Germany and the Westphalian Riding School in Munster, Germany. Students studying in Munster are eligible to take the riding 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 must be riding at first-level dressage prior to application to this program and be in good academic standing. This course may be repeated once for credit.
Offered at Providence
6 Semester Credits

**EQN4115 Special Topics in Equine Studies I**
This course is designed to allow students to pursue advanced work in specialized equine studies topics, such as advanced teaching techniques, veterinary techniques, and advanced stable management strategies. The course may be a combination of practical applications of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.
Offered at Providence
1 Semester Credit

**EQN4140 Fourth Level and FEI Dressage**
This course is for the advanced dressage rider who has had extensive experience in dressage training and competition. Students perform movements with greater engagement, straightness, energy and cadence. The horse remains reliably on the bit, showing a clear uphill balance and lightness as a result of improved engagement and collection, Lateral movements, half pass, turn on the haunches, flying changes, tempi changes, rein backs and schooling pirouettes are ridden and refined. The correct dressage seat and lightness of aids is emphasized. The importance of impulsion and straightness to prepare the horse for collection is emphasized during training sessions. The snaffle and double bridle are used. Student proficiency is measured by a United States Equestrian Federation or a United States Dressage Federation test to determine next course placement. Students may repeat this course for credit once.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

**EQN4145 Special Topics in Equine Studies II**
This course is designed to allow students to pursue advanced work in specialized equine studies topics; examples of potential topics: Advanced Teaching Techniques, Veterinary Techniques, and Advanced Stable Management Strategies. The course may be a combination of practical applications of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.
Prerequisite(s): Permission of department chair.
Offered at Providence
3 Semester Credits

**EQN4215 Special Topics in Equine Studies III**
This course is designed to allow students to pursue advanced work in specialized equine studies topics; examples of potential topics: Advanced Teaching Techniques, Veterinary Techniques, and Advanced Stable Management Strategies. The course may be a combination of practical applications of knowledge and advanced research. All potential topics must be presented for faculty approval. Final presentation is required.
Prerequisite(s): Permission of department chair.
Offered at Providence
1 Semester Credit

**EQN4340 Hunter Seat Equitation Open**
In this course, students refine the skills required to negotiate advanced equitation courses 2'9'-3'. Students develop fundamental training programs to help school green or re-school older horses for use in the equitation division. Advanced lateral work is utilized to improve the horse's balance and readability. Students may repeat this course for credit once.
Prerequisite(s): Permission of instructor.
Offered at Providence
1 Semester Credit

**EQN4900 Management and Demonstration of Skills Capstone**
This course is designed to be a cumulative assessment of management and horsemanship theory and skills necessary for a professional in the equine industry. Students demonstrate skills for daily care of horses and determine courses of action for case scenarios. A portfolio is produced that encompasses the requisite theoretical and practical skills necessary for work in the equine industry.
Prerequisite(s): EQN2000, EQN3025.
Offered at Providence
1 Semester Credit

**ESL1110 Beginner Level Oral Communication for Academic Purposes**
This course provides students with the opportunity to build aural/oral skills and confidence at the beginner to advanced-beginner level. Students use text and audio materials to develop vocabulary and speech patterns and practice basic dialogues. Discrete listening is reinforced through exercises.
Prerequisite(s): Placement exam.
Offered at North Miami, Providence
3 Semester Credits

**ESL1120 Beginner Level Grammar for Academic Purposes**
This course introduces present, past and future forms of verbs, including the verb ‘be’. Other grammatical components include nouns and pronouns, prepositions of location, and sentence structure.
Prerequisite(s): Placement exam.
Offered at North Miami, Providence
3 Semester Credits

**ESL1130 Beginner Level Reading for Academic Purposes**
This course provides students the opportunity to develop reading skills and an awareness of context clues. Students are introduced to skimming and scanning skills while increasing their vocabulary and comprehension.
Prerequisite(s): Placement exam.
Offered at North Miami, Providence
3 Semester Credits

**ESL1140 Beginner Level Writing for Academic Purposes**
This course presents the elements of composing, revising and editing paragraphs on a variety of topics using a process writing approach. Sentence construction, syntax and punctuation are emphasized. Students are introduced to critiquing paragraphs using model rubrics. Constructive feedback through peer and teacher conferencing is provided.
Prerequisite(s): Placement exam.
Offered at North Miami, Providence
6 Semester Credits

**ESL1110 Intermediate Level Oral Communication for Academic Purposes**
This course provides students the opportunity to develop language, vocabulary and listening, and note-taking skills. Students create presentations with a focus on topic choice and idea development. Through classroom discussions, students also begin to apply critical-thinking skills to formulate and express their own opinions and explore their own and other points of view on a variety of relevant topics.
Prerequisite(s): Successful completion of ESL1110 or placement exam.
Offered at North Miami, Providence
3 Semester Credits

**ESL1120 Intermediate Level Grammar for Academic Purposes**
This course reviews simple and progressive forms in present, past and future tenses and introduces the perfect in present and past tenses. An introduction to modals as well as a variety of structures such as clauses and question format are included. Through pair work, group work and grammar exercises, students work on perfecting their oral and written grammatical abilities in order to become more fluent in the English language.
Prerequisite(s): Successful completion of ESL1120 or placement exam.
Offered at North Miami, Providence
3 Semester Credits
ESL1230 Intermediate Level Reading for Academic Purposes
This course allows students to practice intermediate reading skills so they are able to read more accurately and fluently. Students learn to read from a critical perspective. In addition, students focus on understanding new vocabulary in context and vocabulary building. The basic elements of fiction are introduced.
Prerequisite(s): Successful completion of ESL1130 or placement exam.
Offered at North Miami, Providence
3 Semester Credits

ESL1240 Intermediate Level Writing for Academic Purposes
This course develops students’ ability to create, revise and edit paragraphs, essays and business documents using a process-writing approach. Students are introduced to using outside sources. In addition, students utilize and enhance APA format. Peer and teacher conferencing provides constructive feedback.
Prerequisite(s): Successful completion of ESL1140 or placement exam.
Offered at North Miami, Providence
6 Semester Credits

ESL1310 Advanced Level Oral Communication for Academic Purposes
This course focuses on communication skills essential to academic success. Emphasis is placed on developing listening skills critical to understanding classroom lectures as well as developing the ability to present information clearly in academic presentations and classroom communication. Concepts from thematic units and outside research are critically integrated into discussions.
Prerequisite(s): Successful completion of ESL1210 or placement exam. (HY)
Offered at North Miami, Providence
3 Semester Credits

ESL1320 Advanced Level Grammar for Academic Purposes
This course develops students’ grammar skills through contextualized exercises. Emphasis is on developing grammatical structures used in students’ academic studies. Instruction begins with an overview of the verb tenses followed by use of the verb forms in various grammatical structures. Grammatical skills are reinforced in both spoken and written form.
Prerequisite(s): Successful completion of ESL1220 or placement exam. (HY)
Offered at North Miami, Providence
3 Semester Credits

ESL1330 Advanced Level Reading for Academic Purposes
This course prepares students for graduate academic reading and reading for research purposes. Using a variety of materials from textbooks, professional articles and journals to fiction and non-fiction books, students build comprehension skills and engage critically with the readings. Vocabulary building and application are also emphasized.
Prerequisite(s): Successful completion of ESL1230 or placement exam. (HY)
Offered at North Miami, Providence
3 Semester Credits

ESL1340 Advanced Level Writing for Academic Purposes
This course provides students with the skills necessary to compose, revise and edit essays, summaries and business documents, as well as to collaborate on work using a process-writing approach. Emphasis is placed on various academic rhetorical strategies including narrative, comparison/contrast, cause and effect, and/or problem/solution. Research techniques and APA documentation are utilized. Constructive feedback through peer and teacher conferencing is provided throughout the course.
Prerequisite(s): Successful completion of ESL1240 or placement exam. (HY)
Offered at North Miami, Providence
6 Semester Credits

EVNT1001 Introduction to Event Management
This course introduces students to the event management field. The historical development and organizational structure of the event industry are discussed. Focus is on acquiring knowledge pertaining to the breadth and depth of the event industry including social life cycle events, corporate, private and nonprofit. The course is also designed to provide first-year and transfer students in the Event Management program educational experiences and information about university resources and academic tools available to them that will help support academic success at JWU. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

EVNT2020 The Business of Event Management
This course introduces students to the methods utilized in researching, planning, organizing and delivering sustainable major events. The roles of global events in sub-fields such as sports, tourism, entertainment, celebrations, civic and hallmark events are also explored.
Prerequisite(s): EVNT1001 or FSM1001 or FSM3001 or HOSP1001 or MGMT1001 or SEE1001 or SPM1001. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

EVNT2210 Event Technology & Access Management
This course investigates the new and emerging trends in event technology and access management. Students explore the event technology that helps planners complete tasks pertaining to their work as event organizers. Types of event technology include, but are not limited to, event management software, mobile event apps, credentialing, ticketing software and event analytics. The role technology plays in event access management to provide the attendees with a safe and secured event is also explored.
Prerequisite(s): EVNT1001. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

EVNT3005 The Business of Meeting Management
Meeting management is a significant branch of the event industry. This course investigates the importance of researching, planning, promoting, executing and evaluating for-profit and nonprofit meetings and conventions. This course examines the necessary business, content development, budgeting, contracts, marketing, public relations, transportation, and management skills needed to produce effective events within the meeting industry. Students explore the process of obtaining, building and retaining internal and external stakeholders necessary to meeting overall company goals and objectives. Additionally, the course examines the future of meetings and career opportunities.
Prerequisite(s): Sophomore status. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

EVNT3030 Fairs and Festivals
Fairs and festivals are significant recurring hallmark community events that become synonymous with a destination. Fairs and festivals represent tradition, image and attractiveness to a town, city or region. This course investigates the importance of fairs and festivals to local culture and arts, economic development, sociocultural and environmental outcomes and stakeholder relationships. This course examines the unique event planning aspects to meet stakeholder and community goals in the global marketplace. Additionally the course examines future trends in the fair and festival industry.
Prerequisite(s): Sophomore status. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

EVNT3050 Global Mega Events
This course explores the lure of hosting mega events and examines the bidding process, the involvement of governing bodies, and the plan for legacy and leveraging of the host nation. Students are exposed to the political, economic, sociocultural and environmental impact associated with hosting a large-scale event. Events such as the Olympic Games, the World Cups, World Expos, bicentennials, global music festivals, concerts and other civic and hallmark events are analyzed. The culmination of the course is a trip to an international destination where students engage with key stakeholders from the host nation.
Prerequisite(s): Sophomore status. (HY)
Offered at Providence
3 Semester Credits

EVNT3320 Sales and Business Development
This course examines the sales strategies used to leverage relationships and satisfy the needs of the consumer in the event management industry. Emphasis is placed on the integration of relationship-centric best practices in the design of an event in the areas of human resources, supply chain and client needs. Additionally, the importance of developing an internal culture of business development and relationships are explored.
Prerequisite(s): Sophomore status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits
EVNT4025 Event Sustainability
This course examines sustainability issues and standards as they relate to the
events industry. Students analyze current environmental, social and economic
practices within the events industry. Students design effective sustainability
plans to integrate into a public or private event. Students develop impactful
sustainable practices and analyze the proposed solutions within the various
segments of the event industry. Corporate Social Responsibility and the
impact of sustainability on international events are discussed.
Prerequisite(s): Sophomore status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

EVNT4110 Advanced Special Event Management
This advanced course is designed to explore the complex area of event
management. This class analyzes large scale events and their impact on a
primary global media audience. The course provides students with a basis for using
research as a tool to organize and plan a special events project. This class
works toward the understanding of practicing and executing the elements of
successful project management and logistics. This is a project-based course and
requires the execution of a successful event.
Prerequisite(s): EVNT2020 or SEE2020, junior status. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

EVNT4250 Contemporary Issues in Event Management
This course examines the operational and strategic issues in the event
management industry through directed case studies, round-table discussions
and industry-related readings. Students critically evaluate case studies
exploring topics related to event management in areas of event strategy,
financial management, event operations, stakeholder development, event
design, marketing, and other event topics.
Prerequisite(s): Junior status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

FISV2000 Finance
This course is an introduction to the fundamental principles of finance, with
a focus on financial statement analysis and decision making. The course
encourages active learning through cases, class discussion and problem-
solving. Students use traditional financial statements as well as managerial
financial reports for use in learning essential decision-making processes.
Major topics include financial statement analysis, fundamentals of risk and
return, time value of money, various budgeting models, and alternative forms
of financing. Excel and other decision support tools are used extensively
throughout this course.
Prerequisite(s): ACCT1210, FIT1040 (or concurrent). (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FISV3001 Investments
This course introduces students to investing and financial planning.
Topics include the nature of capital markets and the roles that investment
companies play between the investor and the corporation. Different asset
classes, including equities and bonds, are covered. The role of the financial
planning process, taxes and regulations are also considered.
Prerequisite(s): FISV2000 or FISV2010. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FISV3005 International Finance
This course provides students with an overview of international banking
and finance. Topics include the international dimensions of finance, foreign
exchange rates, international sources of funds, international banking
regulations, and the contrasts between European, Asian and American
banking.
Prerequisite(s): ACCT1210. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

FISV3010 Credit Risk Analysis and Management
This course examines the role of credit and analyzes its impact on the
economic and social environments. Both consumer credit and business credit
are studied in-depth, with emphasis placed on sources and uses of credit,
credit reporting and credit analysis.
Prerequisite(s): ACCT1210. (OL)
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

FISV3015 Fundamentals of Financial Planning
This course introduces students to the financial planning process, client/
planner interactions and personal financial statements development and
assessment. Topics include cash flow and debt management, education
planning, planning elements of risk management, investment planning and
retirement planning. This course is specifically of interest to those students
who wish to pursue careers as financial planners.
Prerequisite(s): ACCT1210. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

FISV3080 Financial Statement Analysis
This course includes the analysis and interpretation of external financial
statements for various business entities as seen through the eyes of
professional investors and creditors. The course explores various analytical
techniques including comparative financial statement, trend and ratio
analyses.
Prerequisite(s): ACCT2022 or ACCT2210, FISV2000. (OL)
Offered at Charlotte, Online, Providence, Providence CE
3 Semester Credits

FISV3140 Capital Markets and Financial Institutions
The purpose of this course is to provide the student with knowledge of a
broad range of topics related to financial markets, capital markets, the nature
and functions of money and credit, the role of monetary policy, and the role
and functions of financial institutions. This course emphasizes the factors and
key ratios in analyzing financial institutions, including the CAMELS approach.
Types and functions of markets and institutions of today are discussed,
along with their differences. Money creation, the demand for money and the
relation of money to inflation and financial flows, the role, and functions of
financial institutions, and consumer financing and business capitalization
are each examined. This course emphasizes the changing role of competitive
financial institutions, the effects of these changes on the flow of funds, and
the Federal Reserve System's monetary policy implementation to regulate
and control money and financial institutions. Real-world examples are used to
focus student learning to applications of theory and consequential economic
impacts both nationally and internationally.
Prerequisite(s): ACCT1210, ECON1001. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

FISV3199 Experiential Education Projects in Financial Modeling and
Valuation
This course provides students with the skills and knowledge required to be
successful in today's fast-paced and highly regulated financial environment.
In this course, students develop a comprehensive three-statement financial
and valuation model using various supporting schedules. Students complete
eight hours of advanced Excel training, followed by a two-day seminar
conducted by an industry recognized leader (Wall Street Prep) in financial
modeling and valuation. Students develop leadership and collaborative
abilities and refine critical thinking, problem-solving and active citizenship
skills. The course culminates in a formal presentation to the Finance &
Investment Academy. This course uses experiential learning as a primary
method of achieving the course objectives.
Prerequisite(s): ACCT2022 or ACCT2210, FISV2000, junior status. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

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
3 Semester Credits
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. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

FISV4020 Risk Management and Insurance
This course provides an understanding of the procedures and concepts of risk management as a precedent to the study of insurance, which is an important tool in risk management. The balanced treatment of both risk management and insurance provides a broad introduction to the field. Students learn risk identification, analysis, measurement, control and financing, and study insurance markets, functions, coverage and benefits.
Prerequisite(s): ACCT1210. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

FISV4025 Corporate Finance
This course expands on previous finance courses by introducing more advanced topics, including capital structure, working capital management, capital budgeting and forecasting. Additional topics include operating and financial leverage, working capital management, capital budgeting, leasing and long-term financing.
Prerequisite(s): ACCT2022 or ACCT2210, FISV2000. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

FISV4030 Real Estate
This course is designed for students seeking a clear presentation of the numerous investment decisions involved in real estate. Topics include how to lease, buy, sell or mortgage a property; how to analyze and predict the forces in the market and determine real estate values; whether and when to renovate, rehabilitate or demolish; and when and how to divest of property.
Prerequisite(s): FISV2000 or FISV2010. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

FISV4040 Futures and Options
This course includes a thorough foundation of options, futures, swaps, and other derivative securities. Topics include theoretical and normative pricing methods as well as the use of derivatives in portfolio and corporate risk management.
Prerequisite(s): FISV3001, MATH2001.
Offered at Providence, Providence CE
3 Semester Credits

FISV4050 Portfolio Management and Analysis
This course includes a thorough foundation in the process of portfolio management, from individual security evaluation to broad asset allocation decision making. Topics covered include the portfolio management process including asset allocation, benchmarking, evaluation and reporting, as well as the manner in which trading takes place. An analysis of alternative assets is also explored including real estate, investment companies, private equity and venture capital, hedge funds, closely-held securities, distressed securities, tangible assets, commodities and derivatives.
Prerequisite(s): FISV3001, MATH2001.
Offered at Providence, Providence CE
3 Semester Credits

FISV4060 Fixed Income Analysis
This course includes the analysis of fixed income securities and all securities whose valuation and hedging are related to interest rates. Topics include the bond market and its various instruments including U.S. treasuries, corporate bonds, mortgage-backed securities and emerging market bonds. The course also covers bond portfolio management techniques such as interest rate forecasting, yield curve anticipation and security selection. This course is appropriate for students interested in financial analyst careers.
Prerequisite(s): FISV3001.
Offered at Providence, Providence CE
3 Semester Credits

FISV4080 Finance Seminar
This course gives students the opportunity to analyze and report on contemporary issues in finance using knowledge obtained through previous finance and related course work. Case work and simulation software is used extensively throughout the course to allow students to incorporate various financial concepts and techniques in making financial decisions.
Prerequisite(s): ACCT2022 or ACCT2210, FISV3001, FISV3040, FISV4025, senior status. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

FISV4120 Investment Banking
This course introduces students to investment banking services and practices and provides the many Excel-based valuation model skills and knowledge required by first-year investment banking analysts. Topics include the history of investment banking, the services and activity of investment banking in raising equity and debt in Capital Markets, Advisory of M&A, Restructuring and LBOs, and Asset Management trading and brokerage services. This course is specifically of interest for students seeking a career in Investment Banking, Equity Research, or Private Equity.
Prerequisite(s): FISV3001.
Offered at Providence, Providence CE
3 Semester Credits

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 this course is to prepare the graduate student for advanced coverage of topics in the financial management course. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

FISV5410 Personal Financial Planning
This course introduces students to comprehensive personal financial planning, which is the process of designing, implementing and monitoring financial decisions that help an individual or family accomplish their financial objectives. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FISV5420 Estate Planning
This course focuses on the efficient conservation and transfer of wealth, consistent with the client's goals. It is a study of the legal, tax, financial and non-financial aspects of this process, covering topics such as trusts, wills, probate, advanced directives, charitable giving, wealth transfers and related taxes. The course explores the taxation of gifts, estates and generation skipping transfers, and includes the calculation of the gift tax, estate tax and generation skipping transfer tax in consideration of applicable exclusions and deductions. Students are exposed to estate planning techniques such as lifetime transfers and gifting, charitable giving, 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. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits
FISV5430 Principles of Risk and Insurance
This course explores the financial risks that individuals and businesses face and how they can manage these risks, including the utilization of insurance solutions. Students are exposed to the purpose, structure and coverage options of the following types of insurance: health, disability, long-term care, life, property and casualty, and more. This course also reviews the taxation of insurance benefits and how taxation should affect a financial planner’s decision to recommend insurance solutions under certain circumstances. After completing the course, students are able to determine a client’s risk exposure and develop a comprehensive insurance and risk management plan for the client based on the client’s goals and objectives.
Prerequisite(s): FISV5410. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FISV5440 Retirement Planning
This course explores the nature and function of retirement plans and surveys the more common employee benefits presently offered by companies. The course outlines the various retirement plans available, including government and private plans, pension plans, individual retirement accounts, and other qualified and non-qualified retirement plans. Students learn to determine a client’s eligibility to participate in a retirement plan, calculate a client’s tax deductible contribution limits, and calculate the taxation of retirement plan benefits upon distribution. The course includes a complete needs analysis to determine a client’s expected monetary needs and the associated cash flow required in a client’s retirement years. Students recommend an appropriate plan of action including retirement plan options that achieve the client’s goals and objectives and complement the client’s comprehensive financial plan.
Prerequisite(s): FISV5410. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FISV5600 Financial Management
This course provides the student with sufficient analytical skills to interpret and act upon financial data and information that lead to sound financial decisions for business organizations. Topics include the time value of money, capital budgeting methods, financial statement analysis, breakeven analysis, short and long term financing methods, and topics in international financial management. Contemporary financial management techniques are discussed throughout the course.
Prerequisite(s): EMGTS020 or FISV5000. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

FISV5720 Financial Reporting and Control
This course offers students a practical approach to understanding financial reporting. Students learn the requirements of generally accepted accounting principles in financial statement preparations by researching and analyzing publicly traded companies. Emphasis is placed on how the financial statements translate into stock prices and how they can be used as a barometer of a company’s financial position. Students explore how companies in trouble can benefit from implanted controls, via the financial reporting process, to ensure earlier and better insight in making difficult decisions.
Prerequisite(s): FISV5600. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

FISV6050 Strategic Financial Planning
This course offers students a practical approach to understanding the budgeting process. Students are exposed to the complete cycle of budgeting, from understanding the strategic plan that initiates the budget process to auditing the results. Students see the interrelating components of the operational budget to the capital budget and how these build to the cash flow budget. Students are able to translate the cash flow necessary to support the strategic plan to financing requirements that need to be met by banking or other sources. Students apply research techniques in coordinating a comprehensive strategic plan with a particular industry.
Prerequisite(s): FISV5526. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FISV6056 Fundamentals of Investment and Portfolio Management
This course introduces student to the fundamentals of investment and portfolio management. It focuses the student’s attention on the impact that asset diversification has on expected portfolio outcomes. Students should complete the course with a thorough understanding of most investment vehicles and how they can be used in varying weights to influence the short and long-term returns of an investment portfolio. Students apply the basic tenets of FISV5600 by applying ratio analysis in the course of investment decision-making. Upon completion of the course, students are better prepared to make prudent investment decisions in both their professional careers as well as their own personal financial planning.
Prerequisite(s): FISV5600. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

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. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FISV6410 Equity Analysis
This course covers several valuation techniques used in equity investment analysis. Equity (i.e., stocks) typically comprises the largest asset class in a majority of individual and institutional portfolios. Topics include the various types of analytical tools used to value equity securities, along with their respective strengths and weaknesses. In addition, students gain perspective on when to choose the best technique as well as private company valuation methodologies. This course is appropriate for students interested in becoming a portfolio manager or investment analyst on the institutional or consumer side of the financial services industry.
Prerequisite(s): FISV6056. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FISV6420 Bond Market Analysis
This course covers the bond market as well as other fixed income securities. Bonds are a pivotal asset class in institutional and individual investing. Topics include the various types of fixed income securities, including government debt, corporate debt, and securitized debt such as mortgage-backed securities and international bonds. The course covers various valuation and portfolio management methodologies. This course is appropriate for students interested in becoming a portfolio manager or investment analyst on the institutional or consumer side of the financial services industry.
Prerequisite(s): FISV6056. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FISV6430 Applied Behavioral Finance
This course is an applied behavioral finance course examining the intersection of behavioral finance, financial therapy, and personal financial planning theory, practice and research. It reviews the research on behavioral finance and investor psychology, exploring the effects of human emotions and cognitive errors on financial decisions. This course focuses on the application of behavioral finance theory and research to the practice of financial therapy to help professionals improve the financial health of their clients.
Prerequisite(s): FISV5410. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

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. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits
FISV6450 Derivatives and Risk Management
This course reviews various types of derivatives such as options, forward contracts, futures contracts and swaps. Topics include the use of derivatives as risk management tools on an investment institutional level as well as the analysis of various derivative pricing models.
Prerequisite(s): FISV6056. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

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® 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. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

FISV6490 Institutional Portfolio Management
This course presents the ways investment management firms build and manage portfolios for their clients. The process of portfolio management is studied in detail, from the nuances of individual security selection to asset allocation decisions made across a broad range of investment choices. Specific topics include asset allocation, benchmarking, trading and regulatory reporting.
Prerequisite(s): FISV6056. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FISV7005 Contemporary Issues in Finance and Accounting
This course covers the fundamental principles and core tools used in corporate finance relevant to strategic decision-making. Topics include the analysis of a firm’s performance, cash flow valuation, the assessment of capital investment opportunities, the cost of capital and capital structure, managing firm growth, risk assessment, and short-term financial planning and management. The theoretical and conceptual underpinning of each topic and its use in applied work is discussed. (OL)
Offered at Online
3 Semester Credits

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.
Prerequisite(s): ACCT6410, FISV5410, FISV5420, FISV5430, FISV5526, FISV5600, FISV6056. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FIT1040 Spreadsheet Design for Business Solutions
This course provides students with a working knowledge of spreadsheet skills and apply those skills to problem-solving cases. Computer-based assessment software may be used as both a learning and skills measurement tool.
Prerequisite(s): ACCT6410, FISV5410, FISV5420, FISV5430, FISV5526, FISV5600, FISV6056. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

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.
Prerequisite(s): ACCT6410, FISV5410, FISV5420, FISV5430, FISV5526, FISV5600, FISV6056. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

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): ACCT6410, FISV5410, FISV5420, FISV5430, FISV5526, FISV5600, FISV6056. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

FIT2050 Spreadsheets for Data Analysis
This course introduces students to the power of Excel and its ability to analyze. Focus is placed on data models, PivotTables, PowerQuery, PowerPivot and data visualization.
Offered at Online, Providence
3 Semester Credits

FOOD5001 Introduction to Food Safety Systems
This course provides students with the voluntary and regulatory frameworks that exist to support a safe domestic food supply. Students explore food safety systems that address the biological, chemical and physical hazards as they relate to various aspects of the food industry. In this course students are presented with an overview of food safety systems and practical approaches at the retail level. Students dissect the complex challenges in today’s food supply chain. Students are introduced to a variety of quality assurance programs as well as discuss global food safety initiatives.
Offered at Online
3 Semester Credits

FOOD5100 Foodborne Disease and Pathogen Control
This course provides students with an introduction to foodborne pathogens that impact public health. Students research outbreak investigations that relate to these foodborne pathogens analyzing the cause and method of control to reduce the likelihood of a foodborne outbreak.
Prerequisite(s): BIO2201. (OL)
Offered at Online
3 Semester Credits

FOOD6010 Food Safety Capstone
This project-based course provides students with the opportunity to resolve a relevant food safety concern. Students design a comprehensive food safety plan or evaluate current and emerging food safety issues with the culmination of a project that addresses a research, applied or theoretical opportunity. A written report that is suitable for publication is required.
Prerequisite(s): FOOD5001, FOOD5100, LAW5410. (OL)
Offered at Online
3 Semester Credits

FOOD6050 Regulatory Affairs Processing/ Retail
This course explores the United States regulatory framework governing the domestic food system. Students examine federal, state and local agencies that are responsible for food regulation. Students also investigate the influence of industry, nongovernmental organizations (NGOs), consumers, and advocacy groups on the development of regulations.
Prerequisite(s): FOOD5001, FOOD5100, LAW5410. (OL)
Offered at Online
3 Semester Credits

FOOD6100 Global Food Safety and Sustainability
This course investigates the biological, physical and chemical hazards that impact the global marketplace. Students examine the social, cultural, economic and environmental impacts in regards to foodborne disease control and prevention. Topics include the exploration of emerging agricultural solutions as a result of climate and population change.
Prerequisite(s): FOOD5001. (OL)
Offered at Online
3 Semester Credits
FOOD6150 Food Defense and Adulteration Prevention
This course explores strategies, best practices, and regulations designed to protect food from acts of intentional and economic adulteration, as well as emergency management planning for the food industry. Topics include ALERT training, which examines the five key points that industry and business can utilize to decrease the risk of intentional food contamination at their facility. Students develop a food emergency response plan that prepares for early threat detection and rapid response designed to minimize impact while coordinating recovery efforts across federal, state and local government agencies.
Prerequisite(s): FOODS5001, LAW5410. (OL)
Offered at Online
3 Semester Credits

FOOD6200 Produce Food Safety
This course provides students with the standards for growing, harvesting, packing and holding produce as established by the Food Safety Modernization Act (FSMA). Students develop specifications for produce procurement that account for food safety and sustainability concerns navigating the complexity of supply chain coordination with the increased demand for greater transparency.
Prerequisite(s): FOODS5001. (OL)
Offered at Online
3 Semester Credits

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 Denver, North Miami, Providence, Providence CE
3 Semester Credits

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 language placement.
Offered at Providence, Providence CE
3 Semester Credits

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 language placement.
Offered at Providence, Providence CE
3 Semester Credits

FREN2020 French Language Immersion
This course, delivered overseas by international post-secondary schools, is designed to develop both fluency in the target language and an in-depth understanding of the historical cultural contexts in which the language is spoken. Students acquire vocabulary through classroom lectures, discussions, required excursions and activities. Students also partner with native speakers of the target language to improve comprehension and communication skills.
Offered at Charlotte, Denver, North Miami, Providence
6 Semester Credits

FSC3010 Food Quality Assurance
Principles of quality management as they pertain to manufacturing, processing, and/or testing of foods, with a major emphasis on food regulations, food plant sanitation and Hazard Analysis of Critical Control Points. Food quality assessment methods, good manufacturing practices and statistical process controls are discussed.
Prerequisite(s): FSM1165 or approved sanitation certificate, junior status.
Offered at Charlotte
3 Semester Credits

FSC3020 Food Chemistry
Food chemistry applies basic scientific principles to food systems and practical applications. Chemical/biochemical reactions of carbohydrates, lipids, proteins and other constituents in fresh and processed foods are discussed in respect to food quality. Reaction conditions and processes that affect color, flavor, texture, nutrition and safety of food are emphasized. Laboratory experiments reinforce class discussions. These include activation and control of non-enzymatic browning and food emulsions. This course is conducted within both a lecture and laboratory environment.
Prerequisite(s): CHM2040 (or concurrent), junior status.
Offered at Charlotte
3 Semester Credits

FSC3040 Food Ingredients & Formulations
This course applies food science principles to ingredient substitutions in food products. Students explore practical applications of various carbohydrate, lipid and protein food ingredients and their impact in food systems. Legal and regulatory restrictions in respect to ingredients, package materials, processes and labeling statements are introduced. Laboratory procedures for standard formulations and instrumental evaluation, with an emphasis on problem solving and critical thinking, are studied in a laboratory setting.
Prerequisite(s): Junior status.
Offered at Charlotte
3 Semester Credits

FSC3050 Fermentation Science & Functional Foods
This course explores various fermented food systems with particular emphasis on their development and continued manufacturing. Additionally, this course covers a range of functional foods and food components, their health conferring benefits, mechanisms of actions, and possible applications in the food industry.
Prerequisite(s): Junior status.
Offered at Charlotte
3 Semester Credits

FSC3060 Principles of Food Microbiology
This course introduces students to various aspects of food microbiology, organisms associated naturally with foods and those responsible for spoilage. The role and significance of food microorganisms including food pathogens are discussed. Additionally, students investigate various sources of contamination and the influence of food formulation and processing on microbial growth. Control techniques and methodology to detect and enumerate microorganisms in food products are studied.
Prerequisite(s): SCI2120, Corequisite: FSC3065, junior status.
Offered at Charlotte
3 Semester Credits

FSC3065 Principles of Food Microbiology Laboratory
This course is the laboratory companion for Principles of Food Microbiology. The laboratory focuses on practical application of microbiological principles to food and food ingredients. Students develop skills in using commonly employed microbiological techniques in research laboratories and quality control. Emphasis is on investigating food contamination, the techniques and methods to detect and enumerate microorganisms, and evaluating the efficacy of control efforts.
Prerequisite(s): SCI2120, Corequisite: FSC3060, junior status.
Offered at Charlotte
1.5 Semester Credits

FSC4010 Sensory Analysis
Application of sensory science principles and practices to food and beverage systems including an understanding of consumer sensory techniques and the use of various instrumental testing methods.
Prerequisite(s): FSC3020, MATH2001, junior status.
Offered at Charlotte
3 Semester Credits
**FSM2012 Food & Beverage Human Resources**
This course prepares students with the knowledge and skills to apply sound human resource management and workforce development principles to situations encountered within the food and beverage/hospitality industry. Students examine the transition from a line-level employee to supervisory and management-level positions. (OL)
Offered at Online
3 Semester Credits

**FSM2025 Food and Beverage Cost Control**
Food and 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, North Miami, Online, Providence
3 Semester Credits

**FSM2033 Food Service in Hospitality and Tourism**
This course introduces the principles of how food and beverage operations interact with other departments found in hospitality and tourism properties. Managerial concepts include industry regulations, financial and operational controls, and matching foodservice venues and menus to targeted customer markets.
Prerequisite(s): HOSP1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

**FSM2045 Introduction to Menu Planning and Cost Controls**
This course allows students the opportunity to evaluate sales menus and apply the skills relevant to the development and design of the sales menu in a food service operation, while also learning the importance and use of the proper tools and documents needed to control food and beverage costs and analyze sales. Additionally, the course introduces a practical approach to managerial accounting through the exploration of labor and overhead expenses, as well as an introduction to the income statement as a method of evaluating a business’s success.
Prerequisite(s): MATH0010 (or concurrent) or math placement, sophomore status. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

**FSM2055 Beverage Appreciation**
This intermediate course refines the student’s knowledge of beverages served in a variety of hospitality operations. Emphasis is on beverage sensory perception and food pairings. Students develop and analyze strategies to effectively manage, market and set standards for beverage operations. Both alcoholic and non-alcoholic beverages are examined.
Prerequisite(s): Online students must be of legal drinking age -21 years of age in the US- or of minimum legal drinking age in the country where they are attending the course. Please note that we periodically ask students to provide us with a government ID showing their date of birth. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

**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. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
FSM2080 Food Service Operations
This intermediate course is designed to complete the student’s foundation in purchasing as well as food and beverage operational controls. Emphasis is on mastering the purchasing cycle functions and back-of-the-house menu management systems and operations. Students also develop income statements using current technology and utilize spreadsheet applications to analyze food and beverage operations. Students have the opportunity to achieve two industry-recognized certifications.
Prerequisite(s): ACCT1210 or ACCT2150 (or concurrent).
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

FSM2110 Food and Beverage Operations in the Sports, Entertainment and Event Management Industry
This course introduces students to the management of different areas of food and beverage operations within the sports, entertainment and event industry. Emphasis is on food product and preparation types, beverage types, food and beverage delivery systems, costing and pricing strategies, and food and beverage pairings as they apply to the different divisions of the industry. Students obtain approved Food Safety Handler and Food Allergy certifications.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

FSM2120 The Businesses of Non-Commercial Foodservice
This course examines the non-commercial segment of the foodservice industry from the unit manager, client, guest and employment perspectives. Students explore how the operational cycle of control and the use of technologies are applied in a wide variety of businesses. The principal companies and the available career paths in the segment are discussed.
Offered at Providence, Providence CE
3 Semester Credits

FSM2165 Food Code and Policy
This course introduces students to the FDA Model Food Code. Emphasis is on reading and interpreting the code content and implementing the statutes of the code in a restaurant simulation.
Prerequisite(s): FSM1165 or approved sanitation certificate. (OL)
Offered at Online
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FSM2210 Operational Management in Healthcare
This course introduces students to the responsibilities of a food service operations manager within healthcare organizations and other adjacent career paths. Through the examination of financial and human resource management principles, as well as organizational structure and governance, the student will be able to demonstrate and apply the functions expected of an operations manager.
Prerequisite(s): FSM2045.
Offered at Denver, Providence
3 Semester Credits

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 Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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): Sophomore status.
Offered at Denver, Providence, Providence CE
3 Semester Credits

FSM3035 Supervision for Food Service Professionals
This course is designed to allow students the opportunity to learn and explore human resource management theory and procedures as they apply to the food service industry. Students learn proper procedures to hire, train, motivate and discipline employees, as well as to perform employee appraisals. Current human resource management issues and labor legislation law are discussed as they apply to preparing future chefs and managers for successful leadership roles in the food service industry. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FSM3040 Food Service Financial Systems
This course allows students the opportunity to learn and experience an in-depth analysis of financial information within the food service industry. Emphasis is placed on exploration of accounting, sales, purchasing, inventory and budgetary systems. The course offers an overall view of financial management and its related areas through manual applications and the use of computers in the food service industry. Students recognize business problems, provide viable solutions and evaluate the effect of those solutions.
Prerequisite(s): FSM2025 or FSM2045. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

FSM3060 Front of the House Operations Management
This intermediate course focuses on the comprehensive study of dining service management within the food and beverage industry. Emphasis is placed on service theory and delivery, current technology and its application, customer feedback and process improvement, human resource development and training, staffing, physical space and layout, marketing, and fiscal accountability. Students have the opportunity to obtain industry-specific certification.
Prerequisite(s): Junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FSM3075 Food Service and Hospitality Strategic Marketing
This upper-level course provides students with a broad scope of food service and hospitality marketing. Emphasis is on the analysis, structure and strategy of food service and hospitality marketing; departmental budgeting; allocation of resources; market research; media selection; and effectiveness of the marketing plan. Case studies and assigned readings examine current marketing issues. A directed work project may be incorporated into this course.
Prerequisite(s): Junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FSM3080 Food & Beverage Marketing and Distribution
This course introduces students to the many facets of food marketing in commercial applications. Students explore the various segments of the food and beverage marketing industry, including marketing for food and beverage manufacturing and distribution companies. Special emphasis is placed on the integration of food service and marketing competencies.
Prerequisite(s): Junior status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits
FSM3111 Catering: Sales and Operations Management
Catering companies provide food and beverage services for clients who are hosting events, such as weddings, Bar/Bat Mitzvahs, anniversaries, graduations, rehearsal dinners and organization meetings. Catering managers meet with clients to plan events and are responsible for menu development, cooking and serving food in a variety of locations. This upper-level course examines the unique aspects of planning and executing various catered events for both on-premise and off-premise locations. Students explore the managerial and entrepreneurial aspects of developing a business model, building and maintaining a client base, operating and analyzing financial performance, and applying food and beverage management operational best practices.
Prerequisite(s): Sophomore status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

FSM3175 Advanced Food Safety, HACCP and Special Processes
This course provides students with advanced training in food safety concepts and special processes while simultaneously developing workplace skills that are highly valued by employers. Students explore the framework and imperative steps of Hazard Analysis Critical Control Point (HACCP) as a control for safe food production. Students also explore safe food processing and recognize proper food safety practices utilized to keep food safe through the flow of food. Common special processes and template HACCP plans are analyzed to ensure safe production of these special processes, thus keeping the consumer from risk. At the completion of this course, students are prepared to sit for a nationally recognized HACCP certification exam.
Prerequisite(s): (CUL2510, CUL2610, CUL2710, CUL2810) or (CUL2510, CUL2810, CUL2920, CUL2930) or (CUL2010, CUL2010, CUL2010, CUL2030) or (CUL2215, 2225, 2245, 2255 2265), FSM1165.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

FSM3215 Culinary Operations and Facility Management
This course is designed to enhance the student's understanding of how a foodservice operation's concept and menu influence back-of-the-house functions and costs. A task analysis is performed to design a workflow and identify the equipment and smallwares needed to receive and store product, and to produce and serve the menu. Overhead costs including direct operating expenses, furniture, fixtures and equipment (FFE), repairs and maintenance, and facilities layout and design are explored and evaluated to determine costs and the effect on profitability.
Prerequisite(s): FSM2045, completion of all sophomore culinary labs. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

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): Junior status. (HY) (OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

FSM4061 Advanced Food Service Operations Management
This upper-level capstone course concentrates on integrating critical competencies of management in a small food service setting. Emphasis is placed on menu development, marketing, staff scheduling, production planning and implementation, service, and fiscal accountability. Students manage the food and beverage service operations.
Prerequisite(s): Senior status. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FSM4070 The Business of Alcohol Distribution, Retail and Sales
This course offers the student a comprehensive overview of the costs of producing, distributing and selling licensed alcoholic beverages in the U.S. and the relationship between costs, profit margins and sales. Each segment of the three-tiered distribution system is analyzed and the legal aspects of producing, distributing and selling licensed beverages are examined. Internet sales and the challenge it poses to the current system are also evaluated. The impact of the current system on the consumer and how the consumer's needs are addressed is the focus of the course.
Prerequisite(s): Junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FSM4081 Advanced Food & Beverage Operations and Planning
This capstone course concentrates on integrating critical competencies of management in a small food service setting. Emphasis is placed on concept creation, menu development, marketing, staffing, operational strategy, and fiscal accountability.
Prerequisite(s): FSM2012 or FSM3001, senior status. (OL)
Offered at Online
3 Semester Credits

FSM4160 Food and Beverage Strategies and Logistics
This senior-level capstone course is designed to give students insight into strategic management and decision making in the food and beverage industry. Students develop critical-thinking and decision-making skills by employing a variety of methods to examine the strategies of a number of food and beverage organizations. Special emphasis is on the impact of internal and external factors on strategy, current market conditions in the food and beverage industry, and the unique importance of the supply chain as it relates to food and beverage organizations.
Prerequisite(s): (FSM3075 or HOSP3053 or MKT1001), (ACCT3150 or FISV2000), junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

FSM4250 Food Industry Compliance Capstone
This upper-level course serves as the culminating integrative experience in the Food Industry Compliance Management program. This course provides students the opportunity to apply previously completed coursework to address food compliance issues in commercial and non-commercial organizations that serve or sell food. Students learn to address concerns and offer solutions through a scientific, managerial and leadership perspective.
Prerequisite(s): FSM2165, FSM3060, MGMT2020, senior status. (OL)
Offered at Online
3 Semester Credits

FSM4880 Beverage Operations Management
This upper-level course examines the creation and management of a beverage operation. Planning topics include concept, identification of target market and bar business creation. The creation of a business plan is discussed. Management topics include bar layout and operations, trend identification and product selection, basic production methods, costing and pricing, inventory methods and human resources management. The creation of wine lists, beer lists and cocktail menus is also discussed. Responsible Beverage Service is stressed.
Prerequisite(s): Junior status. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

GDES1000 Drawing for Design
A precursor to all design thinking, drawing skills offer an effective means of prototyping visual concepts before committing them to final design solutions. Students gain a foundation in the elements and principles of design through the practice of drawing with the intent to develop and integrate drawing as an essential and crucial step in the creative process. With an emphasis on direct observation, students learn skills to train their eyes to reproduce what they see as well as take ideas from their imagination and translate to paper using traditional drawing tools. Based on design industry models, students also learn and apply technical, compositional and thematic principles as a means of developing a flexible design strategy.
Offered at Providence
3 Semester Credits
GDES1001 First Year Design Student Seminar
In this course, students are exposed to all of the critical components of success in a university-level design program. They gain access to and utilize the myriad of academic, technical and design resources available here at Johnson & Wales University as well as in the local design community, and to make the most of those resources. This course eases the transition to college by helping students adjust to life as new designers and make connections with other design students, faculty and staff. Through instruction, workshops and field trips, this class helps students develop the skills that they will need in and out of the classroom, as well as in their careers as designers, such as responsibility, resourcefulness, professionalism, leadership and how to find creative inspiration.
Offered at Providence
1 Semester Credit

GDES1020 Design Theory and Practice
This course provides students with an overview of design industries, historical art movements, current design trends, and industry professionals to know, as well as how to thoughtfully apply the creative process to design projects. Students participate in a number of non-digital project-oriented experiences to explore, learn and develop basic skills and practices to be successful in the program and in the industry. With an emphasis on the creative process and traditional tools, students build a visual vocabulary and are exposed to all of the critical components of success in a university-level design program in a collaborative learning space. Topics include elements and principles of design, layout and composition, basic typography, hand-lettering, branding, packaging, logo design basics, and color theory. Work includes design analysis and critique, creative research and finding inspiration, hands-on problem solving, and public speaking. Relevant connections to current and historical contexts are woven throughout the course.
Offered at Denver, Providence
3 Semester Credits

GDES1030 Vector-Based Design
Vector-Based Design is a foundation course wherein students investigate the industry-standard vector-based design software. This project-based course introduces branding, screen layout design concepts, packaging template creation, and the use of hand-done elements within design. Relative concepts in image editing software that pertain to vector design are also introduced.
Offered at Denver, Providence
3 Semester Credits

GDES1040 Screen Design & Coding I
This course introduces students to client-side coding languages (HTML, CSS, and Javascript) to develop solutions for multiple digital formats including desktop and mobile devices. Students combine research, contemporary visual approaches, compositional design principles, user interface design, and responsive coding practices in developing a series of project-based websites. Emphasis is on understanding and applying the current practice in planning and design as well as securing a solid vocabulary in the code required to present these solutions as planned. (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

GDES1050 Image Editing and Design
This is a foundation course wherein students investigate the industry-standard raster-based manipulation software. This course is project-based with assignments using the acquisition, creation, manipulation and distribution of raster-based images. Students learn techniques in scanning and best practices in resolution and color mode management. Emphasis is placed on creative projects investigating photomontage/layering techniques and the development of essential frameworks for designing in print and screen formats.
Offered at Denver, Providence
3 Semester Credits

GDES1060 User Experience and Content Design I
Designing solutions for interactive applications requires an understanding of the principles of interaction design, information architecture, content strategy, and user experience. In addition to these concepts, this course introduces techniques to conceive and plan user-centered projects for multiple digital formats including desktop and mobile devices. Grid-based frameworks and responsive web design practices are introduced and reinforced to effectively develop and test design solutions.
Prerequisite(s): DME1040 or GDES1040. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

GDES2000 Typography
Typography is a critical foundation of visual communications. Letterforms, typestyle, shape and size communicate subtle messages and convey important information. Successful design solutions always benefit from thoughtful and creative use of type, whether on a printed page or in digital space. This course presents the fundamentals of typography and letterforms including history, anatomy, theory and practice, while teaching students to appreciate type as a critical element of design and to identify type by respective classifications and families. Emphasis is placed on developing a current, practical typographic knowledge based on current industry standards. Typographic design in graphic communications is explored through project-based work.
Prerequisite(s): DME1030 or GDES1030 or permission of department chair.
Offered at Denver, Providence
3 Semester Credits

GDES2020 Motion Graphics I
This course introduces the fundamentals of contemporary digital motion graphics. Students cover both animation and video techniques. Digital motion concepts and creation techniques are also covered. The course uses a range of software and hardware tools. Students experiment with motion image origination through basic animation and camera applications. Various editing tools are introduced.
Prerequisite(s): DME1030 or GDES1030.
Offered at Providence
3 Semester Credits

GDES2025 Basics of Screen Design & Coding
This course allows students to explore the various components of creative web design using coding languages like HTML and CSS to develop design solutions for multiple digital formats, including web browsers, tablet computers and smart phones. Student combine research into contemporary visual approaches and learn how to use compositional design principles and grid-based ‘frameworks’ to visualize contemporary responsive web design solutions. Emphasis is on understanding and applying current practice in planning and design as well as securing a solid vocabulary in the code required to present these solutions as planned. Topics also include Search Engine Optimization (SEO), User Experience (UX) and site architecture, key navigation and linking principles, as well as content development and design principles. Various webmaster tools (Google and Bing) are used as well as sitemap best practices and SEO.
Prerequisite(s): Sophomore status.
Offered at Providence
3 Semester Credits

GDES2030 Editorial & Publication Design
This course introduces the creative and technical development of text composition, layout and the hierarchy of information with emphasis on dynamic use of the grid, page structure, text/image integration and multi-page layout and design. Emphasis is on typographic composition and page layout. Using industry-standard page layout applications, this project-based class helps students develop their skills as designers by the creation of sophisticated editorial and publication design assignments.
Prerequisite(s): DME2000 or GDES2000.
Offered at Denver, Providence
3 Semester Credits

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GDES2050 Content Management Systems
In this course, students explore the workings of a popular content management system (CMS) as well as a strategic process for organizing and delivering their website content. Students use a variety of skills to build, deploy and test multi-page websites. Potential projects include e-commerce, portfolio, blog, small business, and progressive web apps. Students build upon content strategy, user experience, information architecture, and front-end coding skills.
Prerequisite(s): DME1060 or GDES1060, sophomore status. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

GDES2060 Portfolio Assessment for Digital
In this course, students conceive, design and develop their own portfolio website, incorporating the projects and personal branding developed in Portfolio Assessment for Print (GDES 2060). Students use their evolving knowledge of interactive design and front-end web development to organize and structure their portfolio, ensuring that their website is useable, accessible and visually appealing. Work originally designed for print is converted to a web-friendly format. Previously-produced web-based projects are revised and improved. Website design is prototyped for optimal user experience. Additional consideration is paid to formatting student work for delivery on common online platforms.
Prerequisite(s): GDES1060 or DME1060, GDES2030 or DME2030, GDES2061 (or concurrent), sophomore status.
Offered at Providence
3 Semester Credits

GDES2061 Portfolio Assessment for Print
In this course, students assemble a comprehensive portfolio that demonstrates their increasingly sophisticated mastery of design. With faculty guidance, students gather, revise and organize their best works. Students begin to identify and present themselves as independent designers through the development and design of a focused personal brand identity that carries through to all of their presentational materials. Emphasis is placed on both self-branding and self-revision through reinforcement of design skills and concepts learned in the program thus far. In the final week of the course, students present and defend their work to a select group of faculty. Success in this course depends on the progress of the student, which is identified through both in-class and out-of-class assignments. There is an expectation that students display a high degree of involvement, which includes such behaviors as encountering all classwork and assignments with commitment, obvious preparation and a willingness to become actively engaged in-class activities and discussion.
Prerequisite(s): GDES1060, GDES2030, GDES2060 (or concurrent), sophomore status.
Offered at Providence
3 Semester Credits

GDES3015 Design Team I
This course provides students with hands-on design and development projects from real-world clients. With faculty supervision, students work on a wide range of team-based design projects involving print and screen media. The resulting work supports the day-to-day operations of nonprofit client organizations, community partners and interdisciplinary collaborative work. This course is the direct, practical application of skills learned in prior academic courses and prepares students for future career success.
Prerequisite(s): GDES3250.
Offered at Providence
4 Semester Credits

GDES3025 Design Team II
This course expands on the real-world client projects begun in Design Team I. This course provides students with hands-on design and development projects from real world clients. With faculty supervision, students work on a wide range of team-based design projects involving print and screen media. The resulting work supports the day-to-day operations of nonprofit client organizations, community partners and interdisciplinary collaborative work. This course is the direct, practical application of skills learned in prior academic courses and prepares students for future career success.
Prerequisite(s): GDES3015.
Offered at Providence
4 Semester Credits

GDES3050 Basics of Print Design
This course introduces the student to the fundamental principles of print design. Using both traditional tools as well as industry standard software, students learn the essential design concepts, process 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. A variety of print-based assignments and projects are completed both in class and outside of class, and students are required to produce and deliver professional design presentations during in-class critiques.
Offered at Charlotte, Denver, Providence
3 Semester Credits

GDES3140 Motion Graphics II
This course teaches students advanced digital production techniques and tools for full motion, sound and video editing. Participants explore current and emerging media standards and applications. Topics include converging digital media, content creation and use of digital media communication tools for internet-enabled application. Students work independently and on project teams.
Prerequisite(s): DME2020 or GDES2020, sophomore status.
Offered at Providence
3 Semester Credits

GDES3200 Print Production
This course continues to explore the graphic design field with an emphasis on the production process and printing technology. Terminology and methods, communicating print specifications and cost estimates, file preparation and pre-flighting, font management, and color use in print production are explored. As part of this course, industry lectures are planned, both on and off campus. Projects for this course are designed to reflect the same expectations, processes and tasks as found in current printing industry.
Prerequisite(s): DME2030 or GDES2030.
Offered at Providence
3 Semester Credits

GDES3210 Advanced Publication & Print
This course reinforces the creative and technical development of text composition, layout and hierarchy of information. Through various projects, students conceive, compose and produce multi-page layouts using sophisticated and advanced visual design techniques for print and screen. Students visually coordinate images and typographical content across multiple and emerging media specific to editorial and publication design.
Prerequisite(s): DME2030 or GDES2030, junior status.
Offered at Providence
3 Semester Credits

GDES3215 Screen Design and Coding II
In this course, students advance their knowledge of client-side coding languages (HTML, CSS and Javascript) to develop design solutions for multiple digital formats including web browsers, tablets and smartphones. Students continue to apply solid compositional approaches while incorporating design approaches specific to the medium. Topics of focus include user experience, usability, responsive coding practices and performance optimization. Emphasis is placed 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.
Prerequisite(s): DME2050 or GDES2050, junior status.
Offered at Providence
3 Semester Credits

GDES3235 User Experience and Content Design II
This course examines approaches for designing successful user experiences and user interfaces through the creation of several project-based applications. Focus is on adopting a carefully considered process of discovery, strategy, design and testing that can help designers understand the problem they are solving and offer intelligent solutions that satisfy both user needs and business goals.
Prerequisite(s): DME2050 or GDES2050, junior status.
Offered at Providence
3 Semester Credits
GDES3250 Brand Identity Design and Development
The course is an immersion into the brand identity and development process, through strategy, design, implementation and presentation. Utilizing industry-standard software programs, students learn how to design identity systems that are unique, memorable, meaningful, appropriate and differentiated from competitors. In addition, students gain a better understanding of brand standards, brand equity, competitors, target audiences and cohesiveness across different forms of print and digital media. Prerequisite(s): DME2030 or GDES2030, junior status. Offered at Providence 3 Semester Credits

GDES3260 Package Design
This advanced level graphics course is a hands-on, project-based class where students are expected to further refine their level of craft in prototyping, while applying their knowledge of branding and typography as it pertains to package design. Students are educated about new product and package development, visual coding, structural packaging, understanding competitors audits, visual hierarchy, brand equity, shelf presence, cohesiveness, material sourcing, understanding target audience & demographic, developing supportive marketing collateral, and food and beverage requirements within the package design industry. Prerequisite(s): DME2030 or GDES2030, junior status. Offered at Providence 3 Semester Credits

GDES3270 Wayfinding & Environmental Graphics
In this advanced-level course, students explore the nuances of wayfinding and environmental graphics. Students gain a clear understanding of applying brand identity to various environmental spaces and the impact it can have, both from a visual and marketing aspect. Projects explore wayfinding systems, icon development, effective environmental graphics, signage, visitor flow, directional hierarchy, interactivity, visual clues and exhibit design. Prerequisite(s): DME2030 or GDES2030, junior status. Offered at Providence 3 Semester Credits

GDES3300 Design for Motion
Students participating in this course learn digital production techniques and tools for full motion, sound and video editing. Students explore current and emerging media standards and applications, and the use of video and motion graphics in branded design platforms. Students work independently and on project teams. Offered at Providence 3 Semester Credits

GDES3310 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 or GDES3300, sophomore status. Offered at Providence 3 Semester Credits

GDES3315 Introduction to Programming with JavaScript
This course presents an overview of the core components found in many programming environments using the popular JavaScript language as a model. The use of core programming concepts is explored through the creation of project-based programs. Students gain an understanding of the basics of programming, easing adaption of new ideas and practices in web development. Prerequisite(s): GDES3215, junior status. Offered at Providence 3 Semester Credits

GDES3345 Advanced Content Management Systems
This course takes a close look at how content management systems (CMS) work in an effort to explore their creative possibilities. Informed by a sound understanding of both user experience strategy and best practices for contemporary web development, students examine approaches for building sustainable, CMS-driven websites through the creation of several project-based applications. Prerequisite(s): GDES3215 or GDES3235, junior status. Offered at Providence 3 Semester Credits

GDES4050 Senior Portfolio Assessment
This capstone course guides students through the assembly of a comprehensive physical and digital portfolio that demonstrates their increasingly sophisticated mastery of design. With faculty guidance, students gather, revise and organize their best completed works as well as enhance their portfolios with additional advanced design projects. Portfolios consist of a minimum of 12 professional works showcasing a range of design capabilities. In the final week of the course, students present and defend their work to a select group of faculty and visiting professionals. Prerequisite(s): DME2040 or GDES2040, GDES3250, senior status. Offered at Providence 3 Semester Credits

GERD1040 Introduction to Gender Studies
This course introduces students to the concept of gender. It explores the biological, psychological, social, historical and performative aspects of gender and the effect that gender roles, biases and expectations have on society and on the lives of individual women and men in the U.S. and around the world. In this course, students are introduced to the topics of gender role socialization; the role that gender plays in institutions such as the family, schools, workplaces and prisons; the interplay of gender, politics and the law; and the portrayal of gender in popular culture. The relationships between gender and race and gender and sexuality are also examined. Prerequisite(s): ENG1020 or ENG1024 or English placement. Offered at Charlotte, Denver, Providence 3 Semester Credits

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 3 Semester Credits

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 language placement. Offered at Providence, Providence CE 3 Semester Credits

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 are exposed to the many aspects of life in present-day Germany, Switzerland and Austria. Prerequisite(s): GER1002 or language placement. Offered at Providence, Providence CE 3 Semester Credits

GER2020 German Language Immersion
This course, delivered overseas by international post-secondary schools, is designed to develop both fluency in the target language and an in-depth understanding of the historical cultural contexts in which the language is spoken. Students acquire vocabulary through classroom lectures, discussions, required excursions and activities. Students also partner with native speakers of the target language to improve comprehension and communication skills. Offered at Charlotte, Denver, North Miami, Providence 6 Semester Credits
GLS1001 Introduction to Global Studies
This course is the first in the Global Studies program and introduces students to key concepts and issues in the field. Students discuss globalization as both a historical and ongoing process and study key geographic areas and participants in global issues. Global issues including those in politics, the economy, society, information sectors, the environment and others are examined within the context of global studies.
Offered at Providence
3 Semester Credits

GLS2100 Latin American History, Culture and Society
This survey course is a multidisciplinary introduction to the diverse cultures and societies of Latin America from Pre-Columbian times to the present. Students explore the cultural and ideological impact of conquest on colonial societies and look closely at specific problems that Latin American peoples have faced in the 20th century and contemporary challenges for the present millennium. Topics include society and history, politics, strategies for economic development, and U.S.-Latin American relations.
Offered at Providence
3 Semester Credits

GLS2200 Asia in Global Perspective: Peoples, Cultures and Politics
Asia is a vast geographical region that encompasses several sub-regions, peoples, cultures, countries, economic and political systems. Asia remains a crucial site of global economic and geopolitical interest for the U.S., Europe and Russia. This course explores the cultures, languages and patterns of living in this diverse region in order to grasp more deeply the ways in which the global, local and regional intersect and shape patterns of everyday life in Asia. Students explore specific themes distinct to particular areas of Asia, and its relationship to the world. Topics include human diversity of Asia and its cultural lifeways; China, Japan and India and their role in global geopolitics; tourism and urban hubs; economic change and globalization; conflict and post-conflict societies; climate change; natural disasters; and religion.
Offered at Providence, Providence CE
3 Semester Credits

GLS2240 Middle East in Global Perspective: Peoples, Cultures and Politics
This course explores the threads and connections that the Middle East’s human diversity, politics, geography, cultural lifeways and on-going armed conflicts weave in a region defined by great human and geopolitical insecurity. The course centers on the complex ways in which everyday life is forged in the wake of these daunting dynamics that shape the tempo and patterns of daily life. Topics include cultures; languages; places; ethnoreligious diversities; economic, political, ecological and geopolitical dilemmas; globalization and its impact on the region; popular culture; youth; gender; and sexuality.
Offered at Providence, Providence CE
3 Semester Credits

GLS2280 World Regional Geography in Global Perspective
Utilizing the geographical imagination and a critical lens to examine the world, this course explores key issues in understanding how regions come to be in human terms — how they are distinct in the ways people make meaning of the location and territories they inhabit. Focus is on the distinctions and geographical approaches to the study of peoples, cultures, and economic and political activities by region. From the Arctic to the southern reaches of the Pacific Ocean, this course compares how regions are vital in the making of the globalized world. Topics include tourism, ecological destruction, regional-global dynamics, economical parameters, commodities, commerce, geopolitics, development, human cultural diversity and conflict.
Offered at Providence, Providence CE
3 Semester Credits

GLS3200 Global Case Studies
This course is designed to introduce students to leading schools of thought in global studies scholarship and to the key ideas, topics, trends and events of this field. Students learn the many theoretical approaches by which to analyze and interpret global topics and learn to analyze problems and case studies through these different theoretical frameworks and approaches.
Prerequisite(s): GLS1001.
Offered at Providence
3 Semester Credits

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): RSCH5700. (HY)
Offered at Denver, North Miami, Providence
3 Semester Credits

GRAD6082 Operations Management and Process Improvement Abroad
In this course, graduate students apply a more focused lens on continuous improvement and cost management by designing and formulating an operations continuous improvement project with an international corporation abroad. Hosted by an international partner, students spend a week in classes and lectures, preparing for an intensive project week. Students construct a continuous improvement and cost management project, working directly with the corporation’s executives and staff. While in country, students are immersed in the complex corporate environment through relevant readings, structured site visits and excursions, cultural events, and community interaction. Along the way students have a chance to tour the host country and visit key cultural sites. This experience provides a professionally focused immersion experience in their future field and opportunities to learn to appraise and value cultural differences when working with an international management team.
Prerequisite(s): Completion of a minimum of 18 credits, 3.5 cumulative GPA.
Offered at Providence
3-6 Semester Credits

HIST2001 World History to 1500
Major developments in world history before the 16th century are considered with an emphasis on the rise of civilizations, the birth of religions and philosophies, and the development of artistic traditions. The development of various political systems, technologies, and forms of cultural expression in Western and non-Western societies are highlighted. The influence of societies upon one another and the political, religious, philosophical and artistic legacies of these cultures on the modern world are also emphasized.
Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)
Offered at Charlotte, North Miami, Online, Providence, Providence CE
3 Semester Credits

HIST2002 World History Since 1500
Major developments in world history from the 16th century to the present are considered with an emphasis on the impact of ideas and influences from Asia, Africa and the Americas upon European culture and society and the European impact upon Asia, Africa and the Americas. Emphasis is placed on the various revolutions — industrial, democratic, political, technological, military, social and cultural — that marked this period of time.
Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

HIST2050 Food in World History
This course examines the important role that food has played in human history from the Neolithic Revolution to the present. The course analyzes the ways in which historical events and cultural movements (e.g., wars, revolutions, religious conflicts, industrialization, exploration and colonization) have affected the human diet. The course also studies the manner in which dietary constraints and the need or desire for certain foods have, in turn, influenced world history.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Charlotte, Providence, Providence CE
3 Semester Credits

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
3 Semester Credits
HIST2200 U.S. History Since 1877 (to the Present)  
This course is a survey and analysis of United States history and those institutions that contributed to the evolution of the American nation since Reconstruction. Emphasis is on the rise of industrialization, urbanization and immigration; the coming of imperialism; the development of American foreign policy; the rise of big business; the growth of reform movements as seen in Populism, Progressivism and the New Deal; the Women's Movement; the Civil Rights Movement; and recent developments.  
Prerequisite(s): ENG1020 or ENG1024 or English placement.  
Offered at Charlotte, Denver, North Miami, Providence, Providence CE  
3 Semester Credits

HIST2300 History of Globalization  
This course explores the history of the process of globalization from its beginnings in the ancient world to the 21st century. It examines the spread of economic, political, intellectual and religious developments that brought together diverse societies across the world and bound them together in the economic, political, diplomatic and cultural institutions and networks (both formal and informal) that exist today. Topics include colonialism, imperialism, and the exploitation of both free and unfree labor in Latin America, Africa and Asia by industrialized nations. Particular attention is paid to seminal moments in history when peaceful contacts, violent clashes and/or ideological conflict led to new connections or altered existing ones among various regions of the globe.  
Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

HIST2400 History of the Atlantic World  
This course examines the development of the Atlantic World from the 15th century to the end of the 19th century. In this course students investigate the connections forged among the major components of the Atlantic World: North America, Latin America, the Caribbean, Africa and Europe. The course examines not only interactions between the "Old" World and "New" World, but also intra-regional connections between local cultures. Focus is on the development of both trans-Atlantic and intra-regional economies, the Atlantic slave trade and its eventual abolition, the impact of colonization on indigenous communities in the Americas and the Caribbean, the creation of creole societies in the Western hemisphere, and the effect of colonization on gender roles. This course ends with an analysis of trans-Atlantic intellectual movements such as the Enlightenment and the Atlantic Revolutions that brought independence to most of the countries of the Western hemisphere by the early-19th century.  
Prerequisite(s): ENG1020 or ENG1024 or English placement.  
Offered at Providence, Providence CE  
3 Semester Credits

HIST2420 History of the Mediterranean World  
This course is a survey history of the Mediterranean world — the societies and nations that border the Mediterranean Sea from pre-history to the 1960s. Among the nations and societies to be studied are Portugal, Spain, France, Italy, Greece, the Balkan states, Malta, Cyprus, Turkey, Israel/Palestine, Egypt, Libya, Morocco, Tunisia and Algeria. Focus is on the ways in which the civilizations and nations of the Mediterranean world have interacted with and influenced one another with particular emphasis on religion, gender roles, art and architecture, technological innovation, commerce, migration, slavery, government, political ideology and war. The influence of contacts between the Mediterranean world and the Atlantic and Pacific worlds are also considered.  
Prerequisite(s): ENG1020 or ENG1024 or English placement.  
Offered at Providence, Providence CE  
3 Semester Credits

HIST2440 History of the Pacific World  
This course is a survey history of the Pacific world — the societies and nations that border on the Pacific Ocean or that have been active in settling in the Pacific, from pre-history to the 1970s. Among the nations and societies to be studied are China, Japan, Korea, Vietnam, India, Indonesia, Fiji, Tonga, Tahiti, Samoa, New Guinea, Australia, New Zealand, the Philippines, Russia, the United States and Mexico. Focus is on the ways in which the societies, cultures and nations of the Pacific world have interacted with one another with particular emphasis on religion, commerce, exploration, colonization, labor and war, and the effect that these interactions have had on individual societies. The relationships between Europe and Africa and the Pacific world are also studied.  
Prerequisite(s): ENG1020 or ENG1024 or English placement.  
Offered at Providence, Providence CE  
3 Semester Credits

HIST3010 Modern History  
This course provides an in-depth analysis of the major ideas and forces in the Western world during the 20th century. It reviews significant figures and events, as well as the seminal forces that have led to current conditions.  
Prerequisite(s): ENG1021 or ENG1027.  
Offered at Charlotte, Denver, Providence, Providence CE  
3 Semester Credits

HIST3020 A Multicultural History of America  
In this class students survey the broad currents of American history through the lens of immigration, race and ethnicity. Beginning with the colonization of North America, students study the experiences of Native Americans and immigrants from diverse points of origin across four centuries. Students use firsthand narratives, period fiction, contemporary journalism, and historical scholarship to interrogate the shifting nature of American identity from colonial ‘contact’ through the present day.  
Prerequisite(s): ENG1021 or ENG1027. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

HIST3100 Contemporary American History: The United States in a Global Age  
This course addresses the recent history of the United States from the end of World War II to the present day, taking as its focus America’s increasingly dominant role in world affairs. It traces America’s rise as a global military and economic power and explores the implications of such might and affluence on American culture, foreign policy and liberation struggles here and abroad. Topics addressed include the Cold War, Vietnam War and Iraq War, liberal and conservative presidential politics, and the critiques that emerged from the left and the right.  
Prerequisite(s): ENG1021 or ENG1027. (OL)  
Offered at Charlotte, Denver, Online, Providence, Providence CE  
3 Semester Credits

HIST3150 Honors Seminar: History of American Popular Culture  
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 is 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 focus on student-led analysis and in-depth discussion of primary sources. Students are expected to complete extensive writing assignments including a final project based on original research using primary sources.  
Prerequisite(s): ENG1027, honors status.  
Offered at Denver, North Miami, Providence  
3 Semester Credits
HIST3200 American Government
This course involves an examination of the political and governmental system of the United States, the principles upon which it is founded, and the institutions and systems which comprise it. Topics to be discussed are constitutional foundations, federalism, political parties, public opinion, interest group activities, civil liberties and decision-making in institutions of American national government, such as Congress, the presidency and the Supreme Court.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

HOSP1001 Orientation to the Hospitality Industry
This course introduces the student to the dynamic world of hospitality. One of the largest industries in the world, hospitality includes travel and tourism, food and beverage, hotels and resorts, meetings and conferences, entertainment, cruising, and theme parks. An overview of this interconnecting service industry also enables the student to explore a large number of career possibilities. This course also exposes the student to various academic opportunities. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

HOSP1015 Managing the Hotel Guest Experience
This course familiarizes students with the foundations of managing the guest experience within a hotel rooms division. Students focus on the critical management components and operational procedures of the front-of-the-house including: management of guest expectations, selling guest rooms and services, rooms forecasting, basic revenue management, teamwork, and interdepartmental relationships.
Prerequisite(s): FSM1001 or FSM3001 or HOSP1001 or SEE1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

HOSP2011 Hospitality Sales and Meeting Management
This course familiarizes students with the scope of sales, meeting and convention management within the hospitality industry. The reciprocal relationship between selling and service is presented within the context of hospitality marketing practices.
Prerequisite(s): FSM1001 or FSM3001 or HOSP1001 or MRKT1001 or SEE1001, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

HOSP2040 Human Resources Management in Service Organizations
Leaders in today's service-related businesses manage a diverse group of employees and are responsible for complying with employment laws and human resource policies. This course prepares students for situations they will encounter as they develop and apply sound human resource management principles. Students learn about the best practices of human resource management including recruiting, interviewing, selection, orientation, training, performance evaluation, discipline, terminations and employee and union relations.
Prerequisite(s): Sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

HOSP2050 International Tour and Hotel Operations
This course focuses on cultural, political, legal, and economic forces and their impact on tourism and how hospitality management practices differ among countries. Students plan and participate in tours and professional site visits to gain first-hand knowledge of the international travel experience. This course is taught only on a campus outside of the United States during a study abroad program.
Prerequisite(s): Must be accepted in Study Abroad program.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

HOSP2120 Facilities Management in Residential Hospitality
This course introduces and familiarizes students with the foundations of engineering systems relating to the management of such residential hospitality properties as condominiums, apartments and long-term care facilities. The students should be able to manage engineering system operations and resolve issues encountered daily in any type of residential organization.
Prerequisite(s): HOSP1001. (OL)
Offered at Online
3 Semester Credits

HOSP2260 Exploring the Private Club Industry
This introductory level course examines the private club industry and its unique operational and managerial characteristics. Emphasis is placed on providing an immersion exploration of understanding the manager’s role with the governing board or ownership principals, membership value proposition, staffing and the management of the clubhouse and recreational activities. The student is provided the opportunity to tour clubs and participate in Club Management Association of America CMAA and regional educational and networking experiences. (HY)
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

HOSP3005 Leading Service Excellence in the Hospitality Industry
This upper-level guest service management course is designed to familiarize the student with principles of leading change, process improvement methodologies and how they affect organizations, and employees within hospitality organizations. Focusing exclusively on the unique challenges of the intangible service delivery requirements of the hospitality industry, this course incorporates Six Sigma and Lean methodologies. Emphasis is on root cause identification, problem-solving techniques, process effectiveness measurements in the service environment, and decision-making skills using relevant analytical tools.
Prerequisite(s): Junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

HOSP3012 Sustainable Hotel Support Operations
This course gives students a working knowledge of hotel support services, including facilities operations within a lodging context. Essential elements of engineering, housekeeping, and safety and security are discussed from a sustainability perspective. Students focus on managerial, financial and legal issues related to these departments. Current issues of sustainable operations with regard to environmental, social and ecological aspects affecting the hospitality industry are addressed.
Prerequisite(s): HOSP1015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

HOSP3053 Hospitality Strategic Marketing
This course examines the broad scope of hospitality marketing. The emphasis is on hospitality marketing strategic planning, as well as the use of integrated marketing communications to build relationships. Topics include marketing foundations, strategic planning, consumer/organizational buying, market segmentation/targeting/positioning, and digital marketing.
Prerequisite(s): Junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
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. (OL)  
Offered at Charlotte, Online, Providence, Providence CE  
3 Semester Credits

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, MKRT1001. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

HOSP3077 Revenue Management  
This course examines and illustrates the strategies, principles and techniques of revenue management as they relate to lodging, travel/tourism, food service and facilities management. The relationship between accurate forecasting, overbooking, reservation systems, marketing issues, pricing and e-commerce as they relate to financial decision making is investigated. Students are required to analyze revenue management scenarios.  
Prerequisite(s): ECON1001 or ECON1002, HOSP1010 or HOSP1015. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

HOSP3085 International Hotel Operations, Development and Management  
This course focuses on the development and management of multinational hotel properties. Students participate in a week-long study abroad experience. Students learn the skills and abilities necessary to become a global hospitality manager, including managing a diverse, multicultural staff; developing strategies to satisfy international guests; and working as an expatriate manager. Trends in the global hotel industry are also examined.  
Prerequisite(s): HOSP2040 or MGMT2001, junior status.  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

HOSP3087 International Hotel Development  
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, multicultural staff; developing strategies to satisfy international guests; and working as an expatriate manager. Trends in the global hotel industry are also examined.  
Prerequisite(s): HOSP2040 or MGMT2001, junior status.  
Offered at Online, Providence CE  
3 Semester Credits

HOSP3140 Residential Hospitality Sales and Leasing  
This course familiarizes students with the foundations of sales and leasing aspects of residential hospitality properties such as condominiums, apartments and long-term care facilities. The students gain an understanding of the constituents and market conditions. They demonstrate the ability to prepare for, sell and administrate property lease agreements.  
Prerequisite(s): MRKT1001 or HOSP2011 or HOSP3053, sophomore status. (OL)  
Offered at Online  
3 Semester Credits

HOSP3420 Introduction to Residential Property Operations Management  
This course familiarizes students with the foundations of managerial competencies necessary to direct and supervise property-related duties involving such residential properties as condominiums, apartments and long-term care facilities. Students learn to manage operations and resolve issues and problems encountered in day-to-day management situations in any type of residential organization.  
Prerequisite(s): HOSP2040 or MGMT2001. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

HOSP3440 Resort, Vacation Ownership and Spa Management  
This course examines the concepts and issues regarding resort management in such areas as ski, beach and golf resorts. The principles and concepts of the marketing and management of vacation ownership properties and spas are covered.  
Prerequisite(s): Junior status. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

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), (FISV3075 or HOSP3050 or HOSP3075 or MKRT3045 or TRVL4011 or (SEE3010 and SEE3160)).  
Offered at Providence, Providence CE  
3 Semester Credits

HOSP4012 Developing and Managing a Small Hospitality Lodging Property  
This course is designed to familiarize students 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): ACCT1210 or ACCT2150, FISV3075 or HOSP3053 or MKRT1001.  
Offered at Denver, North Miami, Providence, Providence CE  
3 Semester Credits

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): EVNT2020 or HOSP2011 or SEE2020, junior status.  
Offered at Denver, Providence  
3 Semester Credits

HOSP4040 Hotel Asset Management  
This course focuses on the issues related to the maximization of hotel asset value. Processes of feasibility analysis and benchmarking are covered. Capital investment decision tools, value proposition of franchising and marketing affiliations, and the role of the asset management professional in the hotel environment are also discussed.  
Prerequisite(s): HOSP3077 (or concurrent). (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

HOSP4055 Hospitality Operations Analysis  
The course builds on concepts introduced and reinforced in courses across the curriculum in the areas of forecasting, marketing and revenue performance analysis, the management of labor costs, purchasing and inventory control, the integration of changes in the balance sheet with income statement results, and the prioritization of capital expenditures. The course is highly applied in nature and gives students the opportunities to learn and practice the business critical skills they will need upon graduation.  
Prerequisite(s): ACCT3150 or FISV2000 (or concurrent), junior status. (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits

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 groups.  
Prerequisite(s): ACCT3150 or FISV2000, FISV3075 or HOSP3053 or HOSP3075 or MKRT1001, senior status. (HY) (OL)  
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE  
3 Semester Credits
HOSP5020 Strategic Marketing in Service Dominant Logic
This course is designed for students to build on previous marketing knowledge and apply problem-solving and critical-thinking skills important for hospitality business managers and leaders. Students analyze service marketing through the service dominant logic paradigm emphasizing the process of service as a bundle of economic-actor solutions. Through case studies, course readings, activities and student presentation opportunities, students describe the value propositions of each economic actor in the service ecosystem, discuss the interdependent co-creation of value relationship between each economic actor, and identify each actor as a resource integrator. Additionally students examine the service marketing's application to higher education and training, and compare and contrast the needs of these markets with those of hospitality and consumers. Students also generate plans to measure service quality using current and generally accepted marketing tools. (OL)
Offered at Online
3 Semester Credits

HOSP6030 Franchising and Licensing
This advanced course focuses on growing a business through cooperative strategies, especially franchising and licensing. Economic concepts underlying franchising are reviewed. Students learn to determine when franchising or licensing are appropriate growth strategies for a company. This course covers key management, operations and legal issues involved with these growth strategies. Implementation of a franchising strategy is covered in detail, including policy development, penetration of new markets, fostering franchisor-franchisee relationships through channel communications and creating a sustainable competitive advantage. Prerequisite(s): HOSP5020 or MRKT5500. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

HOSP6050 Benchmarking and Operations Analysis in the Hospitality Industry
This course is designed to familiarize the student with benchmarking and operations analysis tools and techniques used in the hospitality industry. The process of internal and external benchmarking as well as the analysis of marketing, financial, operational and guest satisfaction metrics are covered. Focus is on the analysis and performance critique of multi-unit operations. (OL)
Offered at Online
3 Semester Credits

HOSP6060 Corporate Social Responsibility
This course provides a conceptual and practical overview of the role of a business in a contemporary society. Students use academic literature and current business scenarios to explore the social context of economic systems. Students further examine the concepts of business ethics and corporate legitimacy through the lens of contemporary business practices. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

HOSP6080 Experience, Adventure and Education Tourism
This course is intended to give students an in-depth analysis of consumer motivation for participatory travel relating to hands-on experiences, involved education and adventure tours. Focus is on the management of businesses whose products provide deeply memorable experiences for those participating in an activity. The course examines ecotourism, culture-based tourism, gastro-tourism and adventure travel. Students explore the history, outcomes and future potential of experience tourism in various global destinations. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

HOSP6120 Organizational Behavior in the Hospitality Industry
This course is designed to immerse the student in the basic concepts of organizational behavior and organizational structures in the context of the hospitality industry. Focus is on the impact of structural and leadership models that have proven successful in the intangible service delivery environment. Emphasis is also placed on the management of diverse personality types and skill levels, effective leadership and motivation of cross-functional teams, and design of financial and non-financial incentives to drive performance. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

HOSP6130 Competitive Strategies in Hospitality
This course provides students a thorough view of strategic management in the context of the hospitality industry. Students are exposed to the operational strategic response to internal and external conditions. Students analyze hospitality companies and make recommendations as a result of the strategic management process. (OL)
Offered at Online
3 Semester Credits

HOSP6509 Hospitality and Tourism Global Issues
This course presents an advanced study of the evolution, growth, mission and roles of the different types of senior property managers and corporate officers of various hospitality and tourism organizations. The course explores major emerging issues and problems that impact the domestic and global lodging industry, as well as current issues and trends confronting the fast development of tourism activity at both national and international levels. Students acquire the knowledge, skills and attitudes necessary to undertake leadership roles in the increasingly interdependent and complex hospitality industry. Group and individual research examine trends, as well as industry-wide problems and concerns of current interest. Prerequisite(s): RSCH5700 or RSCH5800. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

HOSP6526 Information Technology in Hospitality and Tourism
This course is designed to provide the student with a perspective of the technological needs of a hospitality/tourism organization. Students conduct research in the areas of data and analytics, customer experience, point-of-sale, property management, online tourism marketing, and information security. Students explore the issues pertaining to operations and management in the industry by employing creative problem-solving solutions utilizing today’s information technologies. Prerequisite(s): RSCH5700 or RSCH5800. (HY) (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

HOSP6900 Hospitality Capstone
This capstone course prepares students for specific career goals by drawing on knowledge from other courses and relating them to their intended future in the hospitality industry. Students develop a research project that demonstrates their professional writing abilities and their ability to apply advanced hospitality/education theories in simulated or real-world situations. Prerequisite(s): HOSP6130. (OL)
Offered at Online
3 Semester Credits

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. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

HRM5020 Labor and Employee Relations
This course presents various labor and employment law issues that employers and employees confront in today’s union and non-union corporate environments. The course surveys the effects of union organization and representation, collective bargaining negotiations, the grievance and arbitration processes, and the laws, agencies and issues impacting labor-management relations in the public and private sector. Also discussed are various other legal issues including privacy, wages and salaries, and employee misconduct. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

RSCH5700 or RSCH5800. (HY) (OL)
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. (HY) (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

HRM5040 Organizational Training and Development
This course examines the role of human resource development in organizations as a tool for enhancing employee performance and assisting organizations with managing change. Strategies for assessing, designing, implementing and evaluating training and organizational development initiatives that advance employee and organizational performance are analyzed. This course also explores the role of human resources in impacting executive leadership, line management and staff development. Other topics discussed include succession planning, on-boarding, orientation, performance appraisals and coaching. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

HRM5050 Strategic Recruiting, Retention and Succession
This course addresses the legal, ethical and economic factors that affect recruitment, selection, placement and appraisal. Students distinguish among effective recruiting methods using internal and external selection processes. This course also discusses the requirements for a comprehensive job analysis and the development of job descriptions. Other topics discussed include organizational exit, retention, succession planning and employee records management. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

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. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

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, 6 additional credits completed in 5000 level HRM courses. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

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, 6 additional credits completed in 5000 level HRM courses. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

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 is the understanding of change at both the organizational and individual levels. Students are also asked to apply this research as they develop human resource initiatives that support change initiatives.
Prerequisite(s): HRM5010, HRM5020, 6 additional credits completed in 5000 level HRM courses. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

HRM6800 Human Resource Management Capstone
This 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. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

HSC1010 Introduction to Health Professions
This course is designed to survey different types of health professions for those in pursuit of a healthcare career. Students are provided with information about all training, educational and certification requirements for the professions discussed in class. Students learn how each of the professions plays a role in providing care in the healthcare system and how the professions interact with one another. Case studies introduce students to different scenarios in which various healthcare professions interact to solve complex patient problems. (OL)
Offered at Charlotte, Denver, Online, Providence
1 Semester Credit

HSC1100 Determinants of Health
This course provides students with an overview of the determinants of health as described by the Centers for Disease Control and Prevention (CDC) and the World Health Organization (WHO). The determinants of health are critical for understanding the impact of factors outside of genetics/biology on a population's health. A variety of topics are examined including a population-based overview of the determinants of health using the framework of social, physical, ecological and behavioral causation. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

HSC1230 Introduction to Public Health
This course explores what public health means and how it impacts our lives through environment, policy, communication and personal relationships. Students are introduced to the basics of the public health system, covering the basic definition of public health, how we analyze public health problems, outlining the biomedical basis of public health, and describing social and behavioral factors related to health interaction and medical care issues. This course uses case studies and real-life scenarios of challenges faced and the strategies implemented for working with communities on specific health issues that have the potential to impact a population. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

HSC2100 Epidemiology
This course provides a systematic approach for acquiring and evaluating information on the distribution and causes of disease and other health outcomes in populations. Topics include epidemiologic methodologies utilized in health-related areas other than public health, such as clinical medicine, health administration, dentistry, occupational health and nursing. The link between epidemiology and the traditional liberal arts, such as social justice and health disparities, is discussed.
Prerequisite(s): HSC1230, MATH2001 or MATH2010. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits
HSC2230 Introduction to Global Health
This course introduces students to the major global health challenges, programs and policies that countries throughout the world make decisions about on a day-to-day basis. Students are introduced to the differences in global health status and disease prevalence and many of the factors that play a role in the reasons why some countries are able to eradicate disease more easily than others. Political, monetary and ideological values, as well as environmental factors, all play a role in creating health disparities globally. Discussion includes why people in some countries are healthier than those in others and why there are differences in resource allocation among these countries. Students are introduced to principal global health concepts such as the burden of disease, epidemiology, policy analysis and comparative health systems. Students learn to differentiate problems across countries and use learned skills to problem solve and communicate policy goals. Prerequisite(s): HSC1230. (OL) Offered at Charlotte, Denver, Online, Providence 3 Semester Credits

HSC2400 Research Methods for Health Science
This course introduces students to ecological, experimental and observational research methods that are necessary to conduct research in the health sciences and public health. Students discover the differentiating contributions of qualitative and quantitative research methods to the understanding of health and the disease process, as well as explore the role of innovative research designs, such as community-based participatory research, ecological momentary assessment, and mixed-methods designs. Students explore the relationship between methodological decisions and the strength of research findings. As part of the course, students develop a working knowledge of measurement theory; the validity and reliability of health-based measures; and population sampling techniques. Research ethics, including research funding and dissemination, are emphasized through historical and modern lenses, and past ethical errors relevant to the development of modern bioethical principles are discussed. Ethical codes created and supported by the American Medical Association and the American Public Health Association are prioritized. Students demonstrate their knowledge through the development of a research plan on a health or public health topic of their choice. Prerequisite(s): HSC2100, MATH2001 or MATH2010, junior status. (OL) Offered at Charlotte, Denver, Online, Providence 3 Semester Credits

HSC3000 Health Education and Program Planning
This course is a study of the processes involved in planning health education and health promotion programs. Emphasis is on community analysis, including social assessment, epidemiological assessment, behavioral assessment and environmental/ecological assessment. Program implementation and assessment are also examined. Additionally, behavior theory is discussed to reflect the symbiotic nature between the target population and the service provider(s). Prerequisite(s): HSC2100, MATH2001 or MATH2010. (OL) Offered at Charlotte, Denver, Online, Providence 3 Semester Credits

HSC3200 Health Education and Program Planning
This course is a study of the processes involved in planning health education and health promotion programs. Emphasis is on community analysis, including social assessment, epidemiological assessment, behavioral assessment and environmental/ecological assessment. Program implementation and assessment are also examined. Additionally, behavior theory is discussed to reflect the symbiotic nature between the target population and the service provider(s). Prerequisite(s): HSC2100, MATH2001 or MATH2010. (OL) Offered at Charlotte, Denver, Online, Providence 3 Semester Credits

HSC3300 Comparative Healthcare Systems
This course is designed to provide an in-depth survey of the structure, function and comparative performance of a variety of healthcare delivery and financing systems in the U.S. and other countries, and explores contemporary issues affecting the institutions that provide healthcare and the people who seek health services. The course also covers the historical development of international healthcare systems, the organization and financing of systems of care, and the policy process and priority setting. Finally, the course covers current efforts at healthcare reform. Prerequisite(s): HSC1010, HSC1230. (OL) Offered at Charlotte, Denver, Online, Providence 3 Semester Credits

HSC3500 Current Issues in Health
This course allows students to examine the etiology and outcomes of recent or novel health events. Emphasis is on an understanding of the factors that contribute to the spread of diseases, including infectious disease outbreaks, changes in chronic disease trends, health care reform, and program or policy implementation. The course requires students to apply practical and theoretical knowledge towards the discovery of the causes of disease and the identification of effective disease prevention or treatment plans. Prerequisite(s): HSC2100. Offered at Charlotte, Denver, Providence 3 Semester Credits

HSC4100 Health Policy, Ethics and the Law
This course is designed to introduce students to topics that involve ethical issues in decision-making for public health issues that society faces every day. Students are exposed to a variety of issues in public health and provided examples of the process used to determine ethical trade-offs before decisions are made in the world of public health and healthcare. Topics include issues of conflict with values held by some stakeholders or members of the public; political and social circumstances; and when to impose restrictions on the freedom of individuals to protect the health of the community and the duties and obligations owed by citizens to the wider community. Prerequisite(s): HSC1230, HSC2100. (OL) Offered at Charlotte, Denver, Online, Providence 3 Semester Credits

HSC4900 Data and Evidence in Health: Research Capstone
This course is designed to provide students with a context for performing research using different types of health data and to understand the differences across data types. Data as a decision-making tool is discussed as it pertains to issues in health, including making public health policy decisions, implementing new legislation, or deciding whether or not a drug is effective. Students perform an independent research study, beginning with the conceptualization of the research question, to selecting the appropriate data to create an analysis to be shared with colleagues. This is a capstone course that teaches students to transform their fundamental knowledge of public health research and methods in order to complete a research project using methods appropriate for public health research questions. Prerequisite(s): HSC1230, HSC2100, MATH2001 or MATH2010, RSCH2050, junior status. (OL) Offered at Charlotte, Denver, Online, Providence 3 Semester Credits

HSC6110 Epidemiology and Food Safety
This course provides students with an introduction to epidemiologic methods used in foodborne disease outbreak investigation. Emphasis is on an understanding of surveillance in detecting various types of foodborne disease (e.g. bacteria, virus, parasite, etc.). In particular, students learn systematic approaches for collecting and analyzing data on the distribution of foodborne illness to identify the points of contamination and causes of foodborne disease. Both epidemiologic methods and molecular methods are presented to identify the causes of foodborne disease outbreaks. Finally, students evaluate the effectiveness of foodborne disease outbreak investigations using various case studies. (OL) Offered at Online 3 Semester Credits

HUM3060 History/Sociology Abroad
The course is a merger of two disciplines in an attempt to gain understanding of the human experience while living in a particular culture. The summer program is a unique hands on opportunity supported by pre-trip research and assignments. The goal is to leave the visited country with disciplined insight into the history and society of the foreign country. Offered at Providence 3 Semester Credits
HUM3200 Honors Seminar: American Music Cultures
This honors seminar introduces students to the foundational texts of cultural studies, popular culture studies, musicology and ethnography, and builds toward an understanding of how we use music to create and maintain social identities. Students complete research projects on a particular musical genre and subculture. Focus is on cultural analysis within social and historical contexts (drawing on the fields of literary criticism, history, sociology and music), which provides students with an opportunity to analyze and synthesize complex material encompassing multiple disciplines. Students are equipped with skills essential to the production of an Honors thesis, based on original research and analysis. A technical understanding of music and music theory is not a prerequisite for this course.
Prerequisite(s): ENG1024 or English placement, honors status, sophomore status.
Offered at Charlotte, Denver, Providence
3 Semester Credits

IBUS2002 International Business
This course is designed to provide structured approaches for analyzing the rapidly evolving field of international business. Topics include the nature of international business, the international monetary system, the foreign environment, and strategies of how management can deal with environmental forces. Selected case studies should encourage students to evaluate and discuss courses of action taken by companies and industries in the global marketplace. Theoretical foundations of international business and real-world scenarios help prepare students to operate more effectively in the changing global business environment.
Prerequisite(s): BUS1001 or MGMT1001, sophomore status. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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 North Miami, Providence
3 Semester Credits

IBUS2031 Global Studies: China
This course provides an integrative view of Chinese business, economics, politics, culture and history. Students discuss current events and their relevance with respect to international trade and business relations. The interdisciplinary approach challenges students to critically evaluate existing business models for China and provides them with the information and intellectual flexibility that cross-cultural managers need to keep up with the fast pace of business development in the region.
Prerequisite(s): ECON1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

IBUS2032 Global Studies: Pacific Rim
This course introduces students to the cultural, political, business, trade and economic contexts of the United States’ most important trading partners on the Pacific Rim. Students immerse themselves in discussions and workshops that are focused on all business related dimensions of international trade. The course is intended for students who are interested in International Business or are considering business careers that require interdisciplinary skills and the emotional intelligence to navigate a multidimensional global business environment.
Prerequisite(s): ECON1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

IBUS2033 Global Studies: Latin America & the Caribbean
This course addresses the many characteristics of this region, from wealthy areas to poverty stricken countries. Our southern neighbors are struggling with democratic norms, repression, and economic and business development. Culturally diverse, people of the region have found ways to express themselves through modern and traditional art. Students engage in discussions and projects that challenge them to analyze a variety of business and trade models for this dynamically growing area of the world.
Prerequisite(s): ECON1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

IBUS2034 Global Studies: Russia & Eastern Europe
This course gives students insight into two regions that despite economic modernization and democratization have yet to catch up to the living standard of their western neighbors. Russia and Eastern Europe are facing challenges that are — in part — created by their vast geographical expanse, diverse cultures and struggles to leave communist political, economic and business structures behind. Students work with case studies and engage in project work to analyze dynamically evolving business and trade opportunities.
Prerequisite(s): ECON1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

IBUS2036 Global Studies: Africa & the Middle East
This course enables students to undertake interdisciplinary research of African and Middle Eastern business, economic development, politics, culture, art and history. As a foundation, students gain insight into the geographic, demographic and socio-economic characteristics of the region. Rigorous discussion addresses the problems of economic development, with emphasis on economic growth, international trade, and structural change. In case studies using recent business scenarios, students analyze current problems and propose strategies that might address them. Projects help students focus on how to expand business relations to the region.
Prerequisite(s): ECON1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

IBUS3040 International Culture and Protocol
This course focuses on cultural diversity. Students gain knowledge of international cultures and protocol, which are the critical building blocks of success in conducting business internationally. The ability to build bridges between people from different countries and with different ethnic backgrounds is emphasized in this course.
Prerequisite(s): BUS1001 or MGMT1001, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

IBUS4055 International Resource Management
Slow economic growth and sovereign debt mark an era of economic and managerial reorientation and renewal. Students explore the opportunities of efficient resource use and innovation as a creative response to changed international economic and trade conditions. The course analyzes environmental realities on five continents and uses methods of environmental economics and business management to explore the effects of trade patterns and their impact on the quality of life internationally. Alternative approaches to energy production, trash management, and other resource relevant issues are discussed. Students completing this course have a better understanding of the new, post-material economy and its demands on individual and managerial change.
Prerequisite(s): ECON1002 or IBUS2002, senior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
IBUS4082 Operations Management and Process Improvement Abroad
In this course, students actively participate in an operations continuous improvement project with an international corporation abroad. Hosted by an international partner, students spend a week in classes and lectures, preparing for an intensive project week. Students focus on a continuous improvement and cost management project, working directly with the corporation’s executives and staff. Along the way students have a chance to tour the host country and visit key cultural sites. This experience provides a professionally focused work experience in their future field and opportunities to learn to navigate cultural barriers when working with an international management team.
Prerequisite(s): MGMT2030 or ACCT3031, 3.0 cumulative GPA.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3-6 Semester Credits

IBUS4093 Intercultural Management in a Global Context
This course is taught as a short-term study abroad program. Students are placed in an international context to study how culture impacts management practices while developing their own intercultural management competencies through the study of intercultural management theories and practice. Differences between the United States and the host country/region practices are analyzed. Industry visits, cultural excursions and experiential projects are included in the course to provide students with a comprehensive and immersive learning experience.
Prerequisite(s): MGMT2001, sophomore status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3-6 Semester Credits

IBUS5511 Global Economic Environments
This course presents various theories and practices of globalization, international trade, importing, exporting, finance and international risk assessment. Topics examined include globalization, absolute and comparative advantage, tariffs, non-tariff barriers to trade, importing and exporting, regional trade agreements, trade policies for developing nations, immigration, foreign investment, and the effect of public policy on international trade. In addition, students gain insight into the ethical, international and multicultural dimensions of organizational behavior.
Prerequisite(s): Completion of required foundation courses. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

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): MGMT5800, RSCH5700 or RSCH5800. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

IDES1010 Introduction to 3D Design
This class is a hands-on introduction to designing in form and space. Students investigate form, perception and descriptive language across a variety of mediums. Students experiment with measurement techniques (manual and digital) and practice using projected drawing documentation.
Offered at Providence
3 Semester Credits

IDES1020 Studio - Research and Debate
This introduction Integrated Design studio contextualizes design practice within society, economics and culture. Students research and discuss design history, develop their design vocabulary by debating existing product designs and research connections between trends in design and trends in technology. Projects range from simple research and presentation to in-depth analysis of classic products. Students practice design research, design analysis, design critique and begin exploring how decisions are made in the design process.
Offered at Providence
4 Semester Credits

IDES1030 Direct Modeling
Direct modeling introduces students to Computer Aided Design (CAD). Students study the current landscape of CAD technologies and how different software tools match up with common design problems. The class then focuses on one common direct modeling software to teach the basics of 2D drafting, 3D modeling and output workflows.
Offered at Providence
3 Semester Credits

IDES2010 Human Factors
This class introduces the concepts of ergonomics, usability and user-focused design. Students study human performance including physical, psychological and behavioral capabilities and how our understanding of those capabilities determine aesthetics and standards in design practice. Students conduct primary and secondary research and use case studies to discuss how research can inform design process. A final project assessing and proposing a modification to an existing product allows students to apply their understanding of how user needs can drive design decision-making.
Offered at Providence
3 Semester Credits

IDES2020 Studio - Iteration
This course focuses on iteration and prototyping, the core of an investigative design process. Students experience a variety of prototyping techniques and learn of their application. Students develop a series of design proposals, using the critical ideation cycle: 1) Ideate, 2) Prototype and 3) Evaluate.
Offered at Providence
3 Semester Credits

IDES2030 Studio - User Centered Design
This course further develops the understanding of human factors in design and challenges students to practice the iterative approach to develop a series of design proposals that demonstrate user-centered design.
Prerequisite(s): IDES2010.
Offered at Providence
3 Semester Credits

IDES2040 Materials and Processes
This course develops a practical understanding of physical, digital and virtual materials and material conversion processes used in product development. Students investigate material properties through research, simulation and prototyping. Students use basic statics calculations to quantify material properties and make performance predictions. In short design projects, students incorporate their understanding of material properties and material conversion processes into their use of Computer Assisted Design tools.
Offered at Providence
3 Semester Credits

IDES2050 Parametric Modeling
Parametric modeling introduces students to Parametric Computer Aided Design (CAD). Students contextualize parametric CAD software within the current landscape of CAD technologies and how different types of parametric CAD (BIM, solid modeling, visual programming) apply to common design problems. The class then focuses on one common parametric modeling software to teach the basics of 2D drafting, 3D modeling and parametric workflows, focusing on the unique capabilities and efficiencies offered by parametric CAD.
Offered at Providence
3 Semester Credits
IDES2060 Studio - Form Finding
This course explores the relationships connecting form, aesthetics, human factors and material optimization. Methods of form finding are introduced through a series of design proposals. Each project emphasizes varying connections and priorities.
Offered at Providence
3 Semester Credits

IDES3010 System Design
This course introduces system thinking and system design techniques. Students practice interpreting, visualizing and analyzing products, organizations, and experiences as systems. Practices include diagramming, modeling and simulating. Students examine products in both micro and macro systems.
Offered at Providence
3 Semester Credits

IDES3020 Studio - Systems of Production
In this course students work with materials and processes and incorporate system design. Students develop a series of design proposals, each associated with an existing production system and the associated material and process constraints.
Prerequisite(s): IDES2040.
Offered at Providence
3 Semester Credits

IDES3030 Simulation, Analysis and Optimization
This course expands on students' understanding of systems thinking and their ability to predict and optimize system performance. Specifically, students practice modeling systems using qualitative and quantitative representation. Students practice using basic statistical methods to quantify system performance and draw relationships between system input, system relationships and system output. Students explore modern simulation techniques to make predictions of complex or stochastic processes.
Prerequisite(s): IDES3010.
Offered at Providence
3 Semester Credits

IDES3040 Studio - Ethical Design
This course challenges students to expand their consideration of the impact of design beyond the end user and direct stakeholders. Projects require students to address the broader impacts of a design proposal, the responsibilities of a designer to society, how one navigates conflicting obligations, and how user needs are valued and prioritized.
Offered at Providence
3 Semester Credits

IDES3050 Emerging Design Technologies
This course is an opportunity for students to explore the cutting edge of CAD, CAM, RP, IoT and other technologies driving changes in the design industry. The course starts with a broad survey of current technologies and trends. Students then research particular areas of interest more deeply. Visits to local advanced design and manufacturing businesses offer opportunities to see emerging technology in practice. Students concentrate on a particular technology and apply it to a short-cycle design problem.
Prerequisite(s): IDES1030, IDES2050.
Offered at Providence
3 Semester Credits

IDES3100 Parametric Engineering Design
This course explores the relationships between 2D representational drawings and 3D virtual and physical objects. Multi-view representation standards and techniques are presented and implemented through practice of traditional hand drawing. Parametric modeling software is employed to create virtual parts and assemblies from these drawings. Open-ended design problems are accomplished by utilizing multiple materials and methods of rapid prototyping, including laser cutting and 3D printing.
Offered at Providence
3 Semester Credits

IDES4010 Studio - Computational Design and Informatics
Through a series of design proposals, students practice using data-driven decision-making which may include generative design, simulation, and optimization. Additional computational design tools are introduced at the discretion of the instructor.
Prerequisite(s): IDES3030.
Offered at Providence
3 Semester Credits

IDES4020 Studio - Collaboration and Context
This course adapts the design process developed in prior studios to operate effectively on a variety of contextual collaborations. Each class works with external clients, requiring students to navigate complex relationships and communicate effectively with a variety of stakeholders. Students learn and practice current best practices for managing collaborative design processes. Students develop their ability to design in context by expanding their interpretation of human factors to include design for institutions, organizations and demographic groups. Students demonstrate global empathy by considering their project through an international lens.
Prerequisite(s): Completion of 12 credits of Integrated Design Studio courses.
Offered at Providence
3 Semester Credits

IDES4030 Preparation for Capstone Project
In preparation for the capstone project course, students develop and refine their own design perspective. Through researching areas of interest and practice composing questions to serve as the basis for further investigation, students develop and submit their capstone design project proposals for approval, prior to enrollment in the capstone project course.
Prerequisite(s): IDES4010.
Offered at Providence
1 Semester Credit

IDES4050 Capstone Project
This capstone design project embodies the individuated design process each student has developed and refined over the studio course sequence. Students build a project plan to meet the objectives of the course based upon their pre-approved proposals.
Prerequisite(s): IDES4030.
Offered at Providence
3 Semester Credits

IDST1001 Introduction to Interdisciplinary Studies
This interdisciplinary studies course focuses on preparing students to design and plan a major in Interdisciplinary Studies: DYO. Students learn about academic disciplines and the growth of interdisciplinary programs in universities and analyze interdisciplinary research to understand the strategies used in interdisciplinary academic work. In addition, they apply self-assessment, interviews and library research on the uses of interdisciplinarity in the workplace and civic life. Each student creates a potential course of study for an individualized Interdisciplinary Studies: DYO major that addresses a theme, problem or issue.
Offered at Providence
1.5 Semester Credits

IDST3100 Interdisciplinary Project Development
This Interdisciplinary Studies: DYO course focuses on interdisciplinary project development. Students analyze various methods of communicating interdisciplinary ideas in a variety of forms and genres including personal reflection, narrative, scholarly writing, oral presentation, portfolio building, and writing a proposal. Students use research and self-assessment strategies to evaluate their self-designed major and propose any necessary revisions. The course will culminate in the creation of a plan for a senior-year capstone project.
Prerequisite(s): IDST1001, junior status.
Offered at Providence
1.5 Semester Credits
IDST4900 Interdisciplinary Studies: DYO Capstone Project
This course offers Interdisciplinary Studies: DYO students the opportunity to develop and complete a self-designed capstone project. This project is completed in consultation with their faculty advisers. Students engage in independent research, writing, and other appropriate forms of independent engagement with their chosen project.
Prerequisite(s): IDST3100, senior status.
Offered at Providence
3 Semester Credits

IDT5100 Principles of Instructional Design
This course introduces students to the steps involved in the instructional design process and different models of instructional design that are used to adapt the process to various organizational environments. Students learn how to analyze an instructional need and develop instruction that meets the need. Students also consider how to evaluate the instruction after implementation to determine if it was effective or needs revision. (OL)
Offered at Online
3 Semester Credits

IDT5300 Digital Tools for Learner-Centered Environments
This course explores the current and potential impacts of new and emerging technologies on instructional design in higher educational and corporate environments. An emphasis on interactive approaches that increase learner access, persistence and engagement as well as designs that yield evidence of learning for all learners are the focus of this course. Students investigate the principles and theories of the Universal Design for Learning (UDL) framework and apply them to an instructional design project. Students also learn how to use and evaluate a variety of current and emerging technological tools to create learning experiences for all learners within the framework of UDL. Additionally, students explore and evaluate various delivery platforms and software, including Learning Management Systems (LMS).
Prerequisite(s): EDUC5145, IDT5100. (OL)
Offered at Online
3 Semester Credits

IDT6300 Project Management for Learning and Development
This course prepares students to use project management principles and tools within a real-world education or training environment. Students define the role of a project manager, establish criteria for reporting and monitoring project progress, and apply strategies for overcoming risks to deliver learning projects on-time and within the allocated budget. Students learn how to appraise and meet stakeholder expectations, manage external vendors, and adapt to changes as they arise over the life of a project. The culmination of the course includes an opportunity for students to produce a project plan to be applied to an instructional design case study. (OL)
Offered at Online
3 Semester Credits

IDT6600 Emerging Trends in Multimedia
In this course, students analyze and assess the ecosystem of available e-learning authoring tools meant to engage users in learning that is highly interactive, adaptive and multichannel in its approach. Students examine how interactivity affects learning and have the opportunity to critique and create data-driven infographics, job aids, playbooks, branching/scenario-based e-learning, videos, animations, interactive videos, microlearning, podcasts, virtual reality and simulations. Students also demonstrate how the use of a storyboard and prototype will propel their ability to gain stakeholder buy-in for any proposed learning solution.
Prerequisite(s): EDUC5145, IDT5300. (OL)
Offered at Online
3 Semester Credits

IDT6910 Instructional Design and Technology Capstone I
The M.S. in Instructional Design and Technology capstone experience allows students to address a real-life instructional problem or challenge in a higher education or training environment using principles of adult learning and instruction. In this first capstone course, students identify a client with an instructional problem or challenge, complete an analysis of the problem, and develop a design plan for addressing the problem, incorporating technology into the solution. Students use their learning from the other core courses in the program to identify and use the appropriate analysis and design approaches for the environment within which the problem or challenge is situated. Students apply project management techniques to their work with the client.
Prerequisite(s): EDUC5145, EDUC5445, IDT5100, IDT5300, IDT6300. (OL)
Offered at Online
3 Semester Credits

IDT6920 Instructional Design and Technology Capstone II
The M.S. in Instructional Design and Technology capstone experience allows students to address a real-life instructional problem or challenge in a higher education or training environment using principles of adult learning and instruction. In this second capstone course, students build upon the analysis and design plan completed in the first capstone course by developing the instructional solution, implementing it with a focus group at the client site, and evaluating the results. Students prepare a final report and presentation documenting the evaluation results and recommended next steps. Students apply their learning from the other core courses in the program to develop, implement and evaluate the instructional solution. They continue to apply project management concepts to their work with the client.
Prerequisite(s): IDT6910. (OL)
Offered at Online
3 Semester Credits

ILS2003 The American Dream
This course addresses the broad theme and question of “What is the American Dream” and also asks, “Have we achieved it?” “Has it changed?” and “What is the cost of pursuing it?” We 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 is primarily a literature course, it uses 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
3 Semester Credits

ILS2010 Modern Identities: 20th Century Literature and Beyond
This integrative learning course explores the relationship between modern world literature and its historical, social and/or political contexts through the study of the 20th century literary works. Fiction, poetry, drama and/or the essay are used as vehicles for exploring major movements, trends and events of the 20th century. Themes of racial, ethnic and gender identity, political oppression and/or war are explored. Emphasis varies.
Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ILS2015 Honors Seminar: Postcolonial Literature
Colonization of Africa and Asia and ensuing post-colonial reconstruction, two world wars, the spread and fall of communism, human rights movements and immigration profoundly changed the face of the world. This discussion-and-writing-intensive Integrative Learning Honors Seminar focuses on literary responses to and representations of select movements and events of the 20th century (emphasis varies). By reading texts through the lenses of postcolonial literary theory, history, philosophy and ethics, students examine the variety of human responses to the moral questions posed by colonialism, imperialism, and the social and political movements that arose in their wake.
Prerequisite(s): ENG1024 or English placement, honors status, sophomore status. (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits
ILS2090 The Working Life
This course focuses on the important and complicated role of work for individuals and societies. One of the most common everyday questions is, ‘What do you do for a living?’ That question, when thoroughly examined, reveals a great deal about how people view themselves and each other, and how much work shapes the human experience. Through the lenses of history, sociology and literature, students examine how working lives have changed over time, the experience of the worker in various contexts and how work shapes identity. Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL) Offered at Online, Providence, Providence CE 3 Semester Credits

ILS2110 The Atomic Age
This course provides an overview of how the emergence of nuclear science (and the catastrophic consequences of its military use on Japan to end the Second World War) marked the beginning of an Atomic Age. How is it that the world’s greatest scientific thinkers could produce a technological innovation capable of destruction on a global scale? From August 1945 forward, no longer could one draw simple connections between ‘science’ and ‘progress.’ And yet nuclear developments continued to shape every aspect of human existence: from international diplomacy and energy policy to the ‘nuclear family’ and popular culture. Drawing on scientific discourse, world history, international relations theory, Cold War studies, policy analysis, energy and environmental studies, and gender and cultural studies, this course explores the multiple ways in which we continue to live in an Atomic Age. Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL) Offered at Denver, Online, Providence, Providence CE 3 Semester Credits

ILS2123 City as Text
This course focuses on the city as a ‘text,’ a living environment that reveals itself and its inhabitants through an exploration of its history, economics, politics, culture and art. The city serves as an experiential case study which affords students an opportunity to investigate, reflect, and critically analyze the city and its inhabitants (including themselves) as a living and evolving system/organism. Through a series of visits to various organizations, businesses, and institutions of art, culture, government and education, students explore the nature and meaning of community and civic and professional life. Avenues of discovery in this course include art and architecture, communication and literature, history, economics, sociology, psychology and political science. Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. Offered at Charlotte, Denver, North Miami 3 Semester Credits

ILS2140 History of Science
This course explores human thought about the natural world from the earliest civilizations to the present. Students investigate a central question: From where did our ideas about the scientific process arise? At the heart of this course is the idea that science and technology are not isolated from the rest of society. Rather, they are shaped by historical and societal forces even as they influence civilization. In this course, students discuss the evolution of great scientific ideas of the past and the effects of religious, political, economic and social contexts on the development of scientific principles. Through close reading, analysis, discussion and integration of primary and secondary source materials, students make connections among the disciplines of history, theology, philosophy and science. Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL) Offered at Charlotte, North Miami, Online, Providence, Providence CE 3 Semester Credits

ILS2150 Introduction to American Studies
This course introduces students to the major themes in American culture, both past and emerging. Students are given a sense of the tensions running through the identity and image of Americans here and around the world. As an integrative learning seminar, this course also serves as an introduction to the idea and practice of interdisciplinary scholarship. This course gives students a wide range of tools to make sense of what America is, has been and can be. Topics include traditional disciplines that help illuminate American culture. Focus is on art, music, literature, history and anthropology. Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. Offered at Charlotte, Denver, Denver CE, North Miami, Providence, Providence CE 3 Semester Credits

ILS2170 Reefer Madness in U.S. History, Science and Culture
This course uses integrative learning to examine the history, rhetoric and science of the anti-cannabis movement in the United States and to interrogate its consequences for culture and society. Early examples of racial drug hysteria in the U.S. are used to contextualize and critique the use of marijuana prohibition to restrict and marginalize people of color and political radicals. The influence of petrochemical corporate leaders is discussed and the political career of Harry Anslinger and the creation of the Office of National Drug Control Policy critiqued. Students examine the research methodologies and findings used to justify reefer madness propaganda both historically and in contemporary culture. The course concludes with a discussion of the return of reefer madness-style reactions to cannabis legalization initiatives and an examination of the current research on the effects of cannabis use on health and society. Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. Offered at Denver 3 Semester Credits

ILS2180 Sexuality: Science/Culture/Law
Since 1950, there have been multiple revolutions in the way sexuality is conceptualized. 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-straights? 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, Denver, Providence, Providence CE 3 Semester Credits

ILS2213 The Earth in Peril: A Literary and Scientific Analysis
This course examines environmental issues created by unrealistic views of the world’s greatest scientiﬁc thinkers could produce a technological innovation capable of destruction on a global scale? From August 1945 forward, no longer could one draw simple connections between ‘science’ and ‘progress.’ And yet nuclear developments continued to shape every aspect of human existence: from international diplomacy and energy policy to the ‘nuclear family’ and popular culture. Drawing on scientific discourse, world history, international relations theory, Cold War studies, policy analysis, energy and environmental studies, and gender and cultural studies, this course explores the multiple ways in which we continue to live in an Atomic Age. Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. Offered at Denver, Online, Providence, Providence CE 3 Semester Credits

ILS22213 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 3 Semester Credits
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 Denver, North Miami, Providence
3 Semester Credits

ILS2240 Knowledge and Evidence
Knowledge and Evidence provides students with a holistic understanding of the concept of "truth," along with an effectively developed skillset for thinking critically, and acting creatively, with respect to this concept. The course achieves this by illustrating the intimate connection between data and truth, showing the ways in which one can lead to the other, and also pointing out the fallacies and pitfalls that often obstruct the connection. In part, the course is an introduction to the field of epistemology, addressing the question "How do we know what we know?" The course provides a historical overview of many critical epistemological questions, with examples drawn from the writings of thinkers from classical Greece up through the modern era. It also draws critical connections between these epistemological theories and the scientific method and explains what is necessary for proper experimental design. These concepts are illustrated most vividly through the study of a variety of famous experiments. Experiments are chosen from the fields of psychology, physics, chemistry, sociology, computer science and philosophy. Students are taught to identify the dominant theories of truth in their chosen professions and to think critically about the dominant paradigms they encounter.
Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status.
Offered at Charlotte
3 Semester Credits

ILS2280 Science and Civilization
This course explores the social, political and historic contexts and implications of several scientific and technological developments through a variety of genres, including textbooks, newspapers and magazine articles, film, music, art, literature and the Internet. The goal of this course is to raise student awareness of the global impacts, positive and negative, associated with specific scientific and technological developments, with emphasis on discerning the interconnectedness of those impacts. Through inquiry, research and debate, students develop a better understanding of the unique historical, social, political and cultural contexts in which these scientific and technological developments evolved and the influence these contexts had upon the form of these developments. In addition, students gain a deeper appreciation of the implications of these developments on the present and future.
Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

ILS2305 Honors Seminar: Behavioral Economics
Behavioral Economics is a field of research in the social sciences that brings together the disciplines of economics and psychology. This Honors-level integrated learning seminar utilizes this approach to better understand human behavior. By drawing on both disciplines, students better understand why people frequently make irrational economic decisions and how certain choice contexts can lead to predictably irrational behavior. Students analyze through systematic investigation and experimentation a variety of biases and shortcomings people regularly display in making rational economic choices.
Prerequisite(s): ECON1001 or ECON1002, ENG1024 or English placement, honors status, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

ILS2320 Economics of Law and Order
This course examines legal institutions through the lens of economics. Emphasis will be placed on how changing laws influence outcomes at a societal level. In each lesson, students will focus on the relevant economic background and institutional structure and then deduce how this in turn informed choices made by participants in the economy. The economic order that is generated by the interaction of countless individuals and firms is mediated through the legal system. If one wishes to understand this extended order, one must understand the legal institutions in which it operates.
Prerequisite(s): ECON1001 or ECON1002, ENG1020 or ENG1024 or English placement, LAW2001, sophomore status.
Offered at Charlotte, Denver, North Miami
3 Semester Credits

ILS2325 Economics of Sin
This course integrates economic, sociological and psychological principles to examine price gouging, cheating, illegal drugs, sex and gambling. Emphasis is on examining these ‘sinful’ behaviors in the context of moral development and theories of motivation. Students also examine how government seeks to change and penalize such behavior and the consequences of these interventions.
Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL)
Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE
3 Semester Credits

ILS2330 The Good Life
This course challenges students to create personal and professional lives of meaning and purpose. The course explores the underlying values and structure of a life well-lived, and proactive dispositions and strategies to create such a life. Emphasis is placed on social science and humanity's ways of thinking, specifically aspects of agency, the human condition and literary criticism. The course examines how the American Dream influences perceptions of success, particularly the ethos of prosperity and social mobility. Students read excerpts from fiction and biography that examine convention, invention and achievement. This course concludes with an exploration of change and chance, and strategies for leading a good life.
Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL)
Offered at Charlotte, Denver, Online
3 Semester Credits

ILS2370 Obesity
This course considers the now global problem of obesity from biological, psychological and sociological perspectives. Since the 1970s there has been a rapid increase in the incidence of overweight and obese individuals in the United States with 65 percent of adults now overweight. Childhood obesity rates have tripled in the last 20 years, producing the first generation of Americans who are predicted to have a shorter life span than their parents. The obesity epidemic is widely acknowledged in the United States, but in the past two decades, this problem has also spread to developing countries as they accelerate their nutrition transition to more mass-produced and processed foods. The roles of government and business are explored, in influencing access to foods and in defining obesity vs. health. The study of this now global problem is relevant from a personal health perspective as well as a political and economic perspective. Individuals empowered with knowledge can modify their own food environments and that of their children. A well-educated populace may wish to support initiatives to make progress on this societal problem to avoid economic losses in productivity and healthcare costs that will compromise America's competitiveness.
Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
**ILS2385 Visual Literacy and the Sociology of Perception**
This course studies human perception of the social world from both a communications and sociological perspective. Elements of picture-based media as a means of molding cultural perceptions, social biases and personal views of reality are studied. Through a series of exercises, students critically examine images in art, still photographs, television, advertising, film and documentaries to determine their sociological messages. Using the language of visual literacy and an understanding of perception, students test assumptions about their world.
Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

**ILS2390 The XX Factor**
The XX Factor takes an integrative learning approach to gender role development that foregrounds psychology and literature. This approach provides multiple lenses through which to examine current and historical concepts of women’s psychological and social development. It prioritizes close textual analysis of gender identity and sexuality as figured in literature across a broad spectrum. The course considers both conformity and resistance to societal biases, stereotyping, and the imposition of gender and sexual norms. In doing so, it promotes critical thinking about the diverse possibilities for women’s identities.
Prerequisite(s): ENG1020 or ENG1024 or English placement, sophomore status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE 3 Semester Credits

**ILS2435 Leonardo da Vinci: Culture, Art and Math**
This course covers a portion of the movement in Europe known as the Renaissance. It explores the works of one particular man, Leonardo da Vinci, and how his insatiable hunger for understanding impacted the culture of Florence and Milan, Italy. The course begins by examining da Vinci himself and his place in society, then moves on to examine some of his works of art and writings on architectural design and war machines culturally, historically and mathematically.
Prerequisite(s): ENG1020 or ENG1024 or English placement, MATH1002 (or higher), sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

**ILS2440 Logic, Reasoning and Nonsense: How to Tell the Difference**
This course introduces students to logic, a discipline that straddles public policy, philosophy, law and mathematics. Students are empowered to use logic in their personal and professional lives to make informed decisions, identify invalid arguments and debate current topics. Topics include formal structures of thought as they can be readily applied to the organization of thought in written and spoken language. Students identify the logical errors or fallacies that are most frequently made in written and oral discourse.
Prerequisite(s): ENG1020 or ENG1024 or English placement, MATH1002 (or higher), sophomore status.
Offered at Denver, North Miami, Providence, Providence CE 3 Semester Credits

**ILS2450 The Mathematics of Art**
This course examines the use and appearance of mathematical principles and structures in art, architecture, sculpture and music throughout the history of the Western world. Topics include the Golden Ratio, the Fibonacci Sequence, linear perspective, two- and three-dimensional geometry, and the arithmetic behind music and music composition.
Prerequisite(s): ENG1020 or ENG1024 or English placement, MATH1002 (or higher), sophomore status.
Offered at Charlotte, Providence, Providence CE 3 Semester Credits

**ILS4020 Keywords in Social Media**
This course asks students to identify and analyze the roots of several keywords from historical, sociological and technological perspectives; demonstrate knowledge of how to do things with keywords (i.e., how sharing information can lead to apprehending a criminal); and evaluate the relevance of keywords to life in a democratic society. Abstract theories are applied to concrete case studies of social networks.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
Offered at North Miami, Providence 3 Semester Credits

**ILS4070 Nostalgia, Memory and Hybrid Identity**
This course examines diasporic literature in the context of cultural theory, history, psychology, philosophy and popular culture (such as music, film and art) to better understand the associated cultural negotiations. Students explore the way diasporic literature of the last century has significantly transformed the literary, theoretical and cultural landscape of the U.S., and raised a range of complex issues relating to identity, language, border crossings (geographical, linguistic and gender, etc.) hybridity, and acculturation and resistance. Readings range across such genres as memoir, fiction, essay, drama and poetry to consider how issues of identity and tradition are represented and contested by immigrant writers in the context of displacement and diaspora.
Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.
Offered at Charlotte, Denver, North Miami, Providence CE 3 Semester Credits

**ILS4110 Capital Punishment in America**
From the colonization of America to the present, over 18,000 individuals have been executed under lawful and/or territorial authority. This course examines the historical, social, ethical, judicial, legislative and political events that have led to the present patchwork approach to executions in the United States. With an eye toward evaluating the continued efficacy of capital punishment in a 21st-century criminal justice system, attention is given to the rationale and justification for executions from legal, social, political and economic points of view.
Prerequisite(s): ENG1021 or ENG1027, LAW2001 or LAW2005 or LAW3015 or LAW3025, any ILS 2000-level course, senior status. (OL)
Offered at Denver, Online, Providence, Providence CE 3 Semester Credits

**ILS4113 Coming on Strong: A Cultural Approach to Diet, Health and Fitness**
This course takes a chronological approach to the topics of diet, health and fitness, and examines how scientific, religious, philosophical and cultural ideas regarding health and fitness have changed over time. Students investigate how changing ideas regarding gender and ethnicity, economic and technological changes, scientific discoveries, political ideology, and religious and philosophical beliefs have influenced and been influenced by concerns with health and well-being.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
Offered at Denver, Providence, Providence CE 3 Semester Credits

**ILS4115 Contemporary Approaches to Classical and World Mythology**
This course introduces students to classical and world mythology in order to understand the eternal, timeless nature of universal archetypes and themes while also exploring how they acquire new, contemporary meanings. Students learn to interpret myth using elements of literature as well as through the theories of myth interpretation. From Homer to Harry Potter, emphasis is placed upon analysis of primary readings as well as their interpretations within the context of a variety of disciplines. Class discussions and student writing encourage critical thinking, synthesis and application of the terminology of the study of mythology.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

**ILS4120 Disease and Culture**
This course addresses the question of what constitutes a disease from the perspectives of science and the humanities. Topics include the origins of disease and the effect that disease has had on political events, art and culture, warfare, and the economy of societies both historically and in today’s world, and how societies throughout time have attempted, either successfully or unsuccessfully, to address the problem of disease. Students explore the cultural interpretations given to various diseases. Through the examination and analysis of various medical case studies, historical readings and literary pieces, students learn to think critically about how disease has helped to shape the world that we live in and what disease means to them.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status. (OL)
Offered at Charlotte, Denver, Online, Providence CE 3 Semester Credits
ILS4125 Honors Seminar: Shakespeare: Studies in the Politics of Performance
This course explores the direct and indirect ways that performances of Shakespeare's plays engage political debates, challenge social norms, provide historical insights, and encourage audiences to participate in the often subversive experience of playing. The idea that “all the world’s a stage” was radical in Shakespeare’s day, and continues to be so ours. Students examine productions of the plays within historical contexts, considering both what they might have signified for their original audiences and how they still speak to us today. Employing a variety of disciplinary perspectives, including theatre arts, students analyze a wide range of productions and their influence on and beyond the stage. The course culminates with students groups proposing politically and culturally engaged stagings of a number of scenes from Shakespeare's plays, accompanied by contextualization and explanation of the production/performance choices.
Prerequisite(s): ENG1027, any ILS 2000-level course, honors status, senior status.
Offered at North Miami, Providence
3 Semester Credits

ILS4130 History of Digital Art
This course surveys the emerging world of digitally originated and exhibited artwork. A wide range of digital art formats are examined, including (but not limited to) 2-D, 3-D, motion, interactive, immersive, sensor-based, internet-based and ‘gaming.’ Key art historical influences in the technology of art creation from the Renaissance to the 21st century are explored. Major art periods such as Fluxus, Conceptual, Dada and Post-Modernism are reviewed as they relate to the development and growth of the late 20th-century digital art movement. Students investigate the history and growth of international public art paradigms and practices and their connections to digital art through civic, public and private institutions. Students also examine the relationship between digital art and the industry of creative design and media. Through active visual research of curated digital art pieces students discover a wide array of critically noted digital artists and their work. Finally, students consider the new aesthetics of digital art, comparing and contrasting them to more conventional art formats and exhibition models.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
(OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

ILS4133 How to Change the World
This course explores social entrepreneurs as a force of transformative change. What are the motivations and methods of those who seek to solve social problems on a large scale? What needs changing in the world and what do art and literature have to say about being an agent of change? How might your ambition, abilities and persistence make others believe in the possibility of achieving very difficult tasks? How might you distort reality for good? The course gives students a broad avenue to align what they care about, what they are good at, and what they enjoy with how they might have real impact in the world.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
Offered at Charlotte, Denver
3 Semester Credits

ILS4140 The Legal Imagination
This course introduces students to the textual nature of the law. Through intensive study of literary, persuasive and legal texts, students explore the commonalities between what we call ‘literature’ and what we call ‘law.’ Students begin to see the ‘constitutive rhetoric’ of those texts through which an author creates a social and political community with words.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, one LAW-designated course, (one LIT-designated course or MCST2030 or ILS2010 or ILS2015 or ILS2090 or ILS2127 or ILS2150 or ILS2180), senior status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

ILS4150 Making Monsters: Science, Lit-Crit and the Man-Made Monster
This course explores classic to modern literary and cinematic works that involve man-made monsters, and employs methods of literary criticism to study not only the literary craft, but what these works reveal about scientific knowledge at the time of their composition and the cultural perception of contemporary scientific discoveries, the discipline of science, and even the scientists themselves.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
Offered at Denver
3 Semester Credits

ILS4170 Passion, Power and Principle: Lessons at Play in Shakespeare
This course employs the still-relevant insights of the Shakespearean canon as a means of understanding and resolving contemporary ethical dilemmas, social tensions and the conflicting demands of citizenship in today’s world. Focus is on the resolution of moral dilemmas involving divisions of power, the use of authority, familial obligations and conflicting loyalties. This course takes an integrative learning approach that draws on literature, philosophy (ethics) and history to promote analysis and meaningful comparisons between the problems confronted in the world of Shakespeare’s plays (and the society they reflect) and those faced by us today.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

ILS4176 Sports in Film and Literature
This interdisciplinary course focuses on the significant inspiration of athletic endeavors upon the literary and cinematic imagination. Writers of fiction and nonfiction, prose writers and poets have discovered in the athletic experience a useful metaphor to express the purpose and meaning of life. Modern film explores both the realism and romanticism of sports in popular culture. This course is designed to acquaint the student with the essence of games as myth and metaphor and develop an appreciation of the historical context in which the stories are constructed and heard. The interdisciplinary considerations of history and culture allow for a richer understanding and appreciation of sports and sports literature.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
(OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ILS4178 Studies in Nostalgia, or the Way Things Never Were
This course allows students to explore the tendency to look back with fondness on some distant, wonderful past. Is nostalgia a basic human condition? Students explore this question across cultures and through the lenses offered by biology, psychology, literature, history and other academic disciplines. Nostalgia as a type of fiction writing is discussed, along with the consequences of those 'stories.' The work of nostalgia as it engages discourses of political ideology, race, gender, sexuality, class, etc. is discussed. Students study a few particular examples of American nostalgia before turning their attention to the work nostalgia is doing now and the consequences of that work.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
Offered at Denver, North Miami, Providence
3 Semester Credits

ILS4180 Things That Go Bump In the Night: An Interdisciplinary Approach to the Supernatural
This course explores the deeper meanings of supernatural creatures in works of film and literature from the perspectives of history, science, philosophy, literature and film. The course addresses the question of why certain supernatural creatures (e.g., vampires, zombies, werewolves, ghosts, the demonically possessed, Frankenstein’s monster and extraterrestrial creatures) have featured so prominently in human thought, human fears and works of literature and film from antiquity to the present day. In doing so, the course addresses the historical context in which such beliefs have arisen and how they have changed. Students are encouraged to apply interpretive skills to an analysis of supernatural creatures with which they are familiar and to draw connections between the monsters of the 21st century and societal changes and hidden conflicts in the contemporary world.
Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.
(OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits
ILS4190 The Problem With Evil
This course takes an interdisciplinary approach to the examination of evil as a concept that has fascinated and horrified humans throughout history. Through religions, social norms, philosophies and literatures, people have attempted to define evil in order to explain, and make meaningful, aspects of life that seem otherwise incomprehensible or unbearable senseless. The course explores the construction and uses of evil as a defining term, and its impact on nations, communities and individuals. Students read a wide range of texts across broad historical and cultural spectrums, looking for answers to this question that continues to perplex and captivate us. Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

ILS4210 Colors
This course explores the role and importance of colors in the natural world, astronomy, geology, human society, culture, psychology, art and many other disciplines. Topics include the physics of color and its perception by animals and the color of the ocean, rocks, minerals, stars and galaxies. In addition, the various uses of color by plants is examined, including the utilization of colored pigments by plants for light absorption in photosynthesis. The various ways that animals use color are also explored, including how colors are used by both predators and prey and how they are used to attract mates. Additional topics include the affect of colors on humans, including mood, language, musical expression, and as a symbol of national or group identity in politics and religion. Colors have a profound influence in artistic expression and in the food and fashion industries. The importance of colors in all of these different disciplines are examined. With the knowledge and skills learned in this course, students are able to explore the use and application of colors in their own chosen field of interest. Prerequisite(s): ENG1021 or ENG1027, any BIO, CHM, PHY or SCI-designated course, any ILS2000-level course, senior status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

ILS4270 Narragansett Bay
This course, both in-class and outdoors, investigates the natural history, industrial development, ecological changes and cultural transformations that occurred from pre-Colonial to post-industrial periods in the Narragansett Bay watershed. The course searches policy solutions to guide future development and examines the geological, biological, economic and cultural history of Narragansett Bay. Students explore the arrival and settlement of humans and the effect of human populations in the Narragansett Bay region. The relationship between climate change and the Narragansett Bay region is analyzed. A place-based, active-learning pedagogy is used to bridge institutional divides existing between academic disciplines. The integration of several theoretical methodologies facilitates effective examination into the ecological changes of the bay, the historical impact of urbanization, industrial land use, and residential development on environmental quality. Allegorical stories of places in the watershed are combined with a ‘sense of place’ analysis to understand how local culture addresses real problems of the Bay. Students research environmental and economic viability through various pollution studies and integrated assessments using science, technology, engineering, art and mathematics skills. Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.
Offered at Providence
3 Semester Credits

ILS4290 Science or Pseudoscience?
Pseudoscience is any area of beliefs that sells itself as scientific but upon investigation is found to have little or no scientific evidence. Examples include areas such as alternative medicine, astrology and ‘creation science.’ This course looks at the basis for how science works and how we distinguish between real science and pseudoscience. This course focuses on the scientific method and how it is used to test claims in any area, but exploration of psychological issues for why people believe strongly in things that are not supported by facts is also examined. Exploration of the difference between science and pseudoscience is done using some of the areas discussed above as well as topics such as organic and GMO foods, climate change and others. The application of the scientific method provides the basis to the evaluation of these fields. Finally, the history of pseudoscience is briefly explored as well as the role that the internet and social media plays in the propagation of pseudoscience. Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, senior status.
Offered at Denver, North Miami, Providence
3 Semester Credits

ILS4302 Abuse of Power: Corruption in Contemporary Society
This course examines how (in the hands of certain individuals and groups and under ‘favorable’ social, political, historical and economic conditions) the abuse of power and corruption impacts lives in all social strata. Students analyze this question and propose research-based recommendations for transforming dysfunctional systems into sustainable and productive models. Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

ILS4320 (De)Constructing Race and Color
This course addresses the racialization processes involved in the social construction of the color of race — White, Yellow, Brown, Red and Black — through interdisciplinary studies including the arts, humanities, social sciences, biology, law and education. The course identifies the key parameters of the racialization process (historical subjugation through involuntary immigration and migration, voluntary immigration, prejudice, stereotypes, scientific racism, cultural racism, and systemic) of institutional racism and how various groups in the United States were raced into a color. Students are tasked with thinking about why race matters within educational, economic, political and social institutions. The course involves intentional discourse on the complexity of the color of race through scientific interrogation, analysis and interpretation of the course materials to understand the social construction of the color of race and how race can be deconstructed in the 21st century. Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

ILS4330 Economic Explorations in American History
This course seeks to explain American history through the lens of economics. Emphasis is placed on how changing economic modes of production influenced outcomes at the societal level. In each episode, students focus on the relevant economic background and institutional structure and then deduce how this in turn informed historical change in activities ranging from agriculture, household production, industrialization, social movements, political response and the new information economy. Prerequisite(s): ECON1001 or ECON1002, ENG1021 or ENG1027, any ILS2000-level course, senior status.
Offered at Charlotte, North Miami
3 Semester Credits

All Courses
ILS4340 Global Food Security and Leading Change Locally
This interdisciplinary course critically assesses the global challenges of food security and how leadership in a local community organization addresses food access. Food is explored from a cultural, nutritional, ecological and ethical context while analyzing issues of food production, causes of insufficient supply, nutritional and health implications, and effects on quality of life. Evaluation of political, environmental, technological and economic factors that contribute to the perpetual issue of food insecurity and the social consequences also occurs. The critical issue of the course examines whether access to food is a basic human right and whose responsibility it is to provide societal members with the nourishment needed to be productive. These perspectives are explored theoretically, on the global scale, and experientially, in the local community. Additionally, the student utilizes his/her leadership skills to engage 40 hours of community service in an organization of his/her choosing, preferably nonprofit or with professor approval a for-profit socially responsible organization. The student completes a substantial agency-based project, in conjunction with his/her site supervisor that serves as a tangible contribution to the overall organization and its ability to address food security locally.
Prerequisite(s): ENG1021 or ENG1027, any ILS2000-level course, senior status. Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

ILS4430 Explorations in Symmetry
The course introduces the student to the basic concept of symmetry and its important role as a unifying agent in the understanding of mathematics, nature, art, architecture and music. Topics covered include an introduction to group theory, the mathematical language of symmetry, transformations, general symmetry principles and applications.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, MATH1040 or MATH2001 or MATH2010 or MATH2020, senior status. Offered at Charlotte, Providence, Providence CE
3 Semester Credits

ILS4490 Statistics of Popular Culture
This course is designed to give students a unique look at statistics topics applied outside the classroom, specifically in the world of popular culture. Examples of popular culture include but are not limited to movies, television, books, music, sports and video games. These topics are analyzed through a unique guise of combining statistics with sociology. Students should be able to practice what they have learned in basic statistics course(s) to further prepare them to use research design outside of academics.
Prerequisite(s): ENG1021 or ENG1027, any ILS 2000-level course, MATH2001 or MATH2010 or MATH2020, senior status. Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

ISA5005 Network Fundamentals
This course is a foundational graduate-level course in computer networks. The course offers a comprehensive review of the application, transport, network and link layers of the OSI protocol stack. Advanced topics, including network management, traffic engineering and router configuration, are also addressed. Network protocols are studied in detail with an emphasis on learning to read RFCs within the context of the structure, FSM, configuration protocol learning paradigm. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

ISA5020 Foundations of Information Security Management
This course provides a conceptual overview of information security management and information assurance (IA). Topics covered at an introductory level include information security and information assurance principles, information technology security issues, and security technologies and processes. Governance issues include policy, law, ethics and standards, as well as organizational models and communications. Risk management issues include risk assessment, threats, vulnerabilities and security life-cycle management. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

ISA5030 Legal and Ethical Principles in IT
This course provides an in-depth working knowledge of the ethics and laws pertaining to information systems security. Topics include the ethics of privacy, confidentiality, authenticity, medical information, copyright, intellectual freedom, censorship, social networking and cyber-bullying. Issues related to the creation, implementation, enforcement and assessment of institutional codes of ethics are discussed.
Offered at Providence
3 Semester Credits

ISA5040 Network Security and Cryptography
This course details the issues faced by security managers in addressing network security threats, technical discourse regarding known threats, potential countermeasures to these threats, and the need for the aggressive application of cryptographic methods to guarantee the security of information. Students are immersed in the details of cryptography and explore both symmetrical and asymmetrical methods. Students delve into both the technological and mathematical elements of cryptography.
Prerequisite(s): ISA5005 or Department Chair Approval.
Offered at Providence
3 Semester Credits

ISA5050 Digital/Computer Forensics and Investigation
This course teaches students without a background in computer science or software engineering the concepts necessary to complete the graduate program in Information Security Assurance. This course is designed to deliver an understanding of core algorithmic concepts (e.g., control structures, assignment, decision structures, mathematical/Boolean operations, etc.), an introduction to structured and object-oriented computer programming languages, compilers, interpreters and virtual machine environments. Students design algorithms to solve problems and learn how to translate these algorithms into working computer programs using appropriate languages and runtime environments. (OL)
Offered at Online, Providence
3 Semester Credits

ISA6010 Software Security Testing
This course teaches the fundamentals of software testing from the viewpoint of security. An in-depth discussion on various security testing methods and tools vulnerabilities is provided with demos of concepts during the class. Students learn how to perform penetration testing in a practical way using well-established tools such as Kali Linux. This course covers different types of systems including Web-based systems and some internals of OS kernel software testing and exploitation. Students also learn software design patterns that are suitable for security during the architectural phase of the life-cycle.
Prerequisite(s): ISA5085, completion of 15 credits from core courses.
Offered at Providence
3 Semester Credits

ISA6020 Securing Virtualized and Cloud Infrastructures
This course is designed to give students a solid technical understanding of virtualization, cloud computing, storage networks and the vulnerabilities known to exist in these environments. Students gain an understanding of the planning of these environments, the countermeasures to threats that exist and the management of information in the cloud. Topics include the interconnection of the virtualized environment with the underlying network transport and network storage technology.
Prerequisite(s): ISA5040.
Offered at Providence
3 Semester Credits
ISA6030 Hacking Countermeasures and Techniques
This course focuses on the study of well-known hacker tactics, attack typing and categorization, profiles of hacker strategies, and a detailed review of countermeasures. Students examine both active and passive attacks, vulnerabilities of operating systems and the software vulnerabilities of popular systems with an eye toward effectively thwarting hacker threats. Prerequisite(s): ISA5085, completion of 15 credits from core courses, Corequisite: ISA6040.
Offered at Providence 3 Semester Credits

ISA6040 Advanced Network Intrusion Detection and Analysis
This course covers principles and techniques of intrusion detection such as network traffic analysis, packet analysis, application protocol layer for common protocols, and log analysis. The use of intrusion detection tools and services is evaluated, as intrusion detection systems are now integral parts of the technology management fabric with the capability to stop threats in progress and capture/quarantine evidence. Prerequisite(s): ISA5085, completion of 15 credits from core courses, Corequisite: ISA6030.
Offered at Providence 3 Semester Credits

ISA6050 Business Continuity Planning
This course focuses on the need for and ability to conduct business continuity planning. Emphasis is on planning for the inevitable system failure, network fault or security breach in the current technological environment, given industry’s heavy reliance on technology. Prerequisite(s): ISA5020, completion of foundation courses. (HY) (OL) Offered at Denver, Online, Providence 3 Semester Credits

ISA6060 Risk Management and Incident Response
This course is directed toward students interested in understanding how large-scale complex risk can be quantified, managed and architected. Students learn to identify the business and technical issues, regulatory requirements and techniques to measure and report risk across a major organization. Students explore techniques used to mitigate, minimize and transfer risk. This course also provides a foundation in disaster recovery principles, addressing concepts such as incident disaster recovery planning, developing policies and procedures, roles and relationships of various members of an organization, ‘swim lane’ diagramming, implementation of the plan, testing and rehearsal of the plan, planning disaster recovery resources, and linking risk management incident response to large-scale disaster recovery implementations planning; developing policies and procedures; roles and relationships of various members of an organization; “swim lane” diagraming, implementation of the plan; testing and rehearsal of the plan; planning disaster recovery resources, linking risk management incident response to large scale disaster recovery implementations. Prerequisite(s): ISA5020, completion of foundation courses. (HY) (OL) Offered at Denver, Online, Providence 3 Semester Credits

ISA6070 Cyber Science and IT Business Operations
This course focuses on IT auditing processes, cyber threats and their effect on common infrastructures, the properties and applications of specific loss count and loss severity distributions, actuarial modeling, and forensic accounting techniques. Topics include the planning of security provisions, countermeasures and deployment, as well as understanding the impact of attacks (evidence gathering and investigation), which depend on a combination of technology and business acumen. Certain estimation methods like percentile matching, maximum likelihood estimation, Bayesian estimation and credibility theory are also introduced. Prerequisite(s): ISA5020, completion of foundation courses. (OL) Offered at Denver, Online, Providence 3 Semester Credits

ISA6090 Information Security & Assurance Capstone Research Project
This capstone course integrates previous coursework and practical experience with a focus on authentic demonstration of competencies outlined by the program. Students synthesize prior learning to design or develop a capstone as a culmination of their studies. The course is structured to support student success in fulfilling program requirements and developing a well-thought-out, comprehensive capstone project. Problem domains may be suggested by external sponsors, the instructor or student teams. The project itself can be research-oriented, have a design focus, center on evaluation and testing, or be tailored to an individual or team's interests. It should, however, touch on either the technical or business elements of information security, or a combination of both. Student teams or individuals are expected to document their projects in a weekly, online process journal. Key deliverables for the course, regardless of the project definition, include planning documents, execution plan, final project deliverable and presentation. Problem domains may be suggested by external sponsors, the instructor, or student teams. The project itself can be research-oriented, have a design focus, center on evaluation and testing, or be tailored to an individual or team's interests. It should, however, touch on either the technical elements, the business elements, or the combine technical & business elements of information security. This delivery model requires good communication about the process, as well as, the results of a project, since that is the main focus of the learning in the capstone experience. As such, student teams or individuals are expected to document their projects in a weekly, online process journal. Key deliverables for the course, regardless of the project definition, include planning documents, execution plan, final project deliverable and presentation. Prerequisite(s): Completion of 9 credits from selected Technical or Business focus area and all core courses. Offered at Providence 3 Semester Credits

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. (OL) Offered at Online, Providence, Providence CE 3 Semester Credits

ITEC2081 Network Protocols I
This course develops students’ knowledge of computer networks, network appliances and network protocols. They are introduced to methods of developing protocols, including interpretation of standards, finite state machines and state-full transition. Students gain a conceptual framework useful in the adaptation of network protocols to network appliances and internetworking design. Through the use of network protocol analyzers students conduct in-depth examinations of the 802.3, ARP, IP (versions 4 and 6), ICMP and RIP protocols. Comparison of protocols is made by type. Students develop a basic understanding of the software paradigms used to construct protocols. In homework and lab assignments, students develop skill competencies needed to troubleshoot protocol issues. Students connect, configure and program a range of network devices; work with network protocol analyzers; examine the software internals of protocol implementations; and map the path of a data packet on a network. Prerequisite(s): CSIS1101 or CSIS1020. (OL) Offered at North Miami, Online, Providence, Providence CE 3 Semester Credits

ITEC2082 Network Protocols II
This course expands on the core network engineering and protocol concepts developed in Network Protocols I through an in-depth examination of the Internet Protocol (IP), RIP II and OSPF, ICMP, and VOP. Students examine the details of software implementation of these protocols. Students understand the interplay of these protocols and the associated end node, enterprise, autonomous region and internet backbone structures in support of efficient and effective movement of information across the internet. Students use network design simulation software to explore the complex interactions of these protocols with each other and with the architectures they support. Prerequisite(s): ITEC2081, MATH2001 (or concurrent). Offered at North Miami, Providence 3 Semester Credits
ITEC2085 Distributed Systems with TCP/IP
In this course, students learn how client/server systems evolved and how those systems continue to adapt to business needs. Students develop an understanding of distributed programming techniques and of how distributed applications (databases, transactions, processors, ERP systems, etc.) work within networks. The course also covers the three main types of systems (Two Tier, Three Tier and N Tier) and how they relate to one another. In homework and lab assignments, students develop skill competencies needed to solve day-to-day business problems in maintaining and customizing databases and other applications. Students configure and implement their own client/server network, which gives them an opportunity to develop a professionally focused understanding of how such a network is designed and built. This course focuses on the upper layers of the OSI model (especially the application layer).
Prerequisite(s): ITEC2081, MATH2001.
Offered at North Miami, Providence
3 Semester Credits

ITEC3010 Server Configuration and Implementation
This course allows students to apply skills learned in the network degree program and other information-technology-related courses to the construction and commission of a server on a network. Students are responsible for configuring a server to deliver applications and files necessary to support many types of user-bases.
Prerequisite(s): CSIS1020 or CSIS1101, CSIS2045, ITEC1020 or ITEC2081.
Offered at North Miami, Providence
3 Semester Credits

ITEC3031 Router Internals and Integration
This advanced networking course gives students an in-depth view of router internals, protocol design and operation, as well as network modeling and design. Students learn about the intricacies of network design, choosing the right technological tool, network modeling and simulation, and network testing and benchmarking. Students examine the requisite hardware and software constructs necessary for successful router development and use. Students also examine advanced topics such as convergence, first mile/last mile, QoS and switching and routing fabrics. Students examine the behavioral complexities that emerge as a result of distributed autonomous routing and switching cohorts. Students receive professionally focused experience in lab exercises by designing their own networks and dissecting a router (hardware and software).
Prerequisite(s): CSIS1050 or CSIS1112, ITEC2082.
Offered at Providence
3 Semester Credits

ITEC3040 Systems Analysis
This course presents a systematic approach to the development of business systems. By following this approach, students learn to design business systems that efficiently meet the goals and objectives of management. A major element of this course is a team project, where students utilize the systems approach in analyzing and designing a business system. This class is required for majors in this program and highly recommended for non-computer majors.
Prerequisite(s): CSIS1112 or FIT1014 or FIT1040.
Offered at North Miami, Providence, Providence CE
3 Semester Credits

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. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

ITEC3070 Systems Modeling and Simulation
This course addresses the process of modeling systems, including business systems, network systems, dynamic vehicle systems and client-server systems, to name a few. The modeling process is the prerequisite for the simulation and subsequent analysis, design and assessment of a system with respect to specific performance criteria. The roles of modeling in simulation are presented within the context of the systems engineering process. Modeling encompasses everything from functional through mathematical modeling; simulation includes the development and use of software for systems analysis and design. Team projects from students’ areas of interest are an integral part of the course.
Prerequisite(s): MATH2001. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

ITEC3075 Network Security
This course provides the students with a comprehensive introduction to the field of network security. Critical network security aspects are identified and examined from the standpoint of both the user and the attacker. Network vulnerabilities are examined, and mitigating approaches are identified and evaluated. Concepts and procedures for network risk analysis are introduced. Network architectures and protocols and their impact on security are examined. TCP/IP security is examined in conjunction with the IPSec and IKE protocols. Integration of network and computer security is introduced. The course also discusses the building of trust networks, key management systems, and physical network security. The course emphasizes the implementation of intrusion detection and prevention methods.
Prerequisite(s): ITEC2081, ITEC3050.
Offered at North Miami, Providence
3 Semester Credits

ITEC3083 Wireless Networking
This course covers the design and implementation of wireless networks and mobile systems. Students are acquainted with best industry practices and standards. Topics include practical wireless communication systems, cellular and wireless mesh networks, antenna theory, signal transmission basics, wireless network security, and management. This course also discusses recent advances in wireless such as network coding, interference alignment and cancellation, and emerging security and management techniques.
Prerequisite(s): ITEC2082 or ITEC2085, MATH2020.
Offered at North Miami, Providence
3 Semester Credits

ITEC6514 Decision Support Systems
This course focuses on design, development and implementation of effective systems for meeting information needs of management decision-makers. The course explains both model-based and data-based decision support systems and their use by business managers. Decision Support Systems (DSS) are addressed at three levels: general theory, implications for DSS design, and code/rule-based development. Data mining, developing business intelligence with analytics and modeling are reviewed. Data warehousing and DSS across cultures associated with transnational systems are also addressed.
Offered at Providence
3 Semester Credits

ITEC6524 Enterprise Data Management
This course focuses on the problems and issues surrounding distributed data management integration and the concepts of grid computing. Also examined are management and administration of very large and/or distributed database architectures within national or international companies or organizations. Topics also include the fundamentals of business functions as they relate to enterprise data management.
Offered at Providence
3 Semester Credits

ITEC6534 Strategic Management of Information Technology
This course examines four dimensions of strategic IT management: IT environment scanning, IT planning and control, IT acquisition and implementation, and strategic use of IT (use of IT to increase your firm’s profitability). Special attention is given to the IT/IS alignment within the organization. Professional abilities and attributes of successful IT managers (knowledge, systems, strategies and technology) are also emphasized.
Offered at Providence
3 Semester Credits
ITEC6544 Current Trends and Issues in Information Technology
This course provides current theory, trends, and issues in the field of information technology. Global topics of infrastructure, hardware, software, security, quality control are examined. Social and cultural impacts of technology, virtual digital communication, data mining and government regulations are also considered. E-business, planning, budgeting and electronic commerce within the context of information management are also assessed. Students develop an area of interest and formulate a research proposal for further study in IT management.
Offered at Providence
3 Semester Credits

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
3 Semester Credits

LAW2005 Hospitality Law
This course provides an overview of the legal and regulatory environment in which business decisions must be made within the hospitality industry. The course exposes the student to a variety of basic legal topics such as contracts and torts which are followed by a selection of more advanced related concepts which may include service of food and alcohol, innkeeper-guest relations, liability for the personal property of others and employment relationships. Attention is paid to both the letter of the law and its practical effect on business decision-making. This course relies on, and develops, the student’s ability to read and reason critically.
Prerequisite(s): Sophomore status. (OL)
Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE
3 Semester Credits

LAW3002 The Legal Environment of Business II
This course is a continuation of LAW2001, The Legal Environment of Business I. Students are exposed to the laws governing the internal organization and relationships within a business, the laws governing relationships between a business entity and its clientele, and the laws governing relationships between a business and its 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
3 Semester Credits

LAW3010 Business Law for Accountants
This course provides the Accounting major with an understanding of the legal framework within which accountants must operate. The course concentrates on the following topics: business organizations, professional responsibilities, contracts, government regulation of business, the Uniform Commercial Code (Articles 2, 3 and 9) property and debtor-creditor relationships.
Prerequisite(s): LAW2001. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

LAW3015 Criminal Procedure
This course presents an overview, analysis and critique of American criminal procedure in the context of the U.S. Constitution, with special emphasis on the Fourth Amendment with respect to search and seizure, stop and frisk, arrest, evidence, interrogations, confessions, identification, and remedies such as the exclusionary rule. Other constitutional issues relevant to the foregoing, including the Fifth and Fourteenth Amendments’ due process and equal protection doctrines, shall be examined. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

LAW3025 Criminal Law
This course is an introduction to the basic elements of, and defenses to, criminal liability. Topics include the basic crimes against the person (homicide, assault, battery, rape, etc.), the basic crimes against property (larceny, fraud, embezzlement, burglary, etc.), and the basic defenses and justifications (diminished capacity, self-defense, mistake, etc.). (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

LAW3055 International Business Law
This course introduces the student to the principles of public and private international law. It addresses the legal problems of doing business in developed, developing, and non-market economy countries, together with the economic and political issues that commonly arise.
Prerequisite(s): LAW2001. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

LAW3065 Employment Law
This course acquaints students with the different legal rules governing the employer/employee relationship. Topics include employment discrimination, sexual harassment, employment contracts, labor relations, Fair Labor Standards Act, The Americans with Disabilities Act (ADA), OSHA and vicarious liability. There is heavy emphasis on discussion and written work.
Prerequisite(s): LAW2001 or LAW2010. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

LAW3080 Cyberlaw
This upper-level course confronts students with the changes and adaptations of U.S. law resulting from the ascendancy of computers and the Internet. Fundamental common law and statutory assumptions about the nature of person, place, thing and action are called into question by data transactions between computer memories, unprecedented wealth concentrated in the development and distribution of software, widespread access to large quantities of data with minimal quality control, and the blurring of geographical boundaries. Students examine how contract formation, defamation, obscenity, copyright, trademark, privacy and other legal issues have been changed by technology and the online world.
Prerequisite(s): LAW2001. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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
3 Semester Credits

LAW3092 Sports, Entertainment and Event Management Law
This course provides the SEEM 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 Denver, Providence, Providence CE
3 Semester Credits

LAW4510 Food Law and Policy
This advanced course examines legal rules, especially federal statutes and regulations, that impact the production, processing, transportation, labeling, and advertising of food. These legal tools touch on a wide variety of food-related concerns, including but not limited to genetically modified and organic food, labels and advertising, obesity and malnutrition, food equity and animal welfare, and environmental practices. Special attention is paid to the power of government to regulate various aspects of food, and to the limitations on that power.
Prerequisite(s): LAW2001 or LAW2005. (OL)
Offered at Online
3 Semester Credits
LAW6000 Law for Accountants
This course offers the student a practical approach to understanding the complexity in the 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. (HY)
Offered at Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE
3 Semester Credits

LEAD2011 Leadership and Women in History
In a variety of arenas, a number of powerful women have made their mark on history. This course examines famous women leaders and explores the nature of leadership as it existed from the ancient world through modern times. Relying upon the disciplines of history and leadership studies, this course offers a different perspective on the concepts and ideas that hold contemporary value for those interested in learning more about women leaders, past and present.
Prerequisite(s): LEAD1010.
Offered at Charlotte, Denver, North Miami
3 Semester Credits

LEAD2012 Power and Leadership
This course provides an overview of the nature and types of power and their connections to leadership. Relationships between concepts and practices of power, and their role and influence across a number of spheres, settings, roles and relationships are explored. Since issues of power present unique challenges in today’s complex, networked and digitized world, special attention is given to the topics of supportive communication, relationship building, organizational politics and the effective management of power relations.
Prerequisite(s): LEAD1010 or SOC1001 or SOC2005. (OL)
Offered at Denver, Denver CE, North Miami, Online, Providence, Providence CE
3 Semester Credits

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. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

LEAD2080 Sustainability, Community Engagement & Leadership
This course focuses on sustainability, community engagement, leadership and global citizenship through interdisciplinary course materials and cultural immersion. Interdependence, as it is reflected through social, political, economic, spiritual and environmental perspectives, is examined. Students use this systems perspective to understand the complex factors that contribute to the challenges and proposed solutions to community and individual health, specifically in Nepal. This course introduces the Kevin Rohan Memorial Eco Foundation (KRMEF) in Nepal as an innovative and replicable model for sustainable community and leadership development. KRMEF represents an ecological systems (biodynamic) model for addressing the needs of the people and communities specifically in the Kathmandu Valley region of Nepal, with relevance to similar concerns within a global context. While in the country, students experience the impact of complex development problems in Nepal through readings, structured site visits and excursions, cultural events, and community interaction. Ongoing, intentional reflection provides opportunities for participants to engage with, synthesize and act upon what they learn from their experiences and how that relates to academic, professional, civic and leadership interests.
Offered at Denver, Denver CE, North Miami, Online, Providence, Providence CE
3 Semester Credits

LEAD3020 Creative Leadership
The objective of this course is to develop and enhance one’s own creativity, allowing each individual the opportunity to become a more productive leader of tomorrow. Extensive classroom participation and a variety of activities allow each student to experience personal growth and influence the growth of others.
Prerequisite(s): LEAD1010 or SEE2015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

LEAD6100 Leadership Theory and Practice
This course examines contemporary theories, research and practices of organizational leadership. Students are exposed to ways that leadership has been conceptualized and applied to various theories of psychology through analysis of research and contemporary issues in organizational settings. This course also challenges students to analyze their personal leadership style and how they may change over time to address key personal and professional priorities.
Prerequisite(s): HOSP6120 or PSYCS400. (OL)
Offered at Online
3 Semester Credits

LIBS4900 Liberal Studies Capstone: The Great Conversation
This seminar draws on coursework from the Liberal Studies major and synthesizes it in the form of a research-based project on an original topic. Projects focus on substantive issues that explore the seminal works of Western civilization and the questions that they raise: Where did we come from? What does it mean to be free? What is justice? What is truth? What does it mean to be virtuous? Students explore substantive areas of scholarship and creative works throughout history encompassing philosophy, politics, science, religion, literature, film, music and the arts. Through problem-based learning, students develop the characteristics of self-reliant thinkers and learners and demonstrate their capacity to cultivate a rich intellectual experience.
Prerequisite(s): Senior status. (HY) (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

LIT1020 Introduction to Literary Genres
This survey course prepares students to read, analyze and write about the major literary genres: poetry, fiction and drama. Students are exposed to a variety of forms and styles in each genre from a wide range of historical periods. Literary selections represent a diverse group of classic and contemporary writers, poets and playwrights. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
LIT2030 African-American Literature
This course examines African-American literature in a variety of genres from its conception in the days of slavery to contemporary times. Emphasis is on the historical and social significance of major works of African-American literature as well as the unique artistic contributions of African-American authors to the American literature canon. Literary movements are examined in their historical, political, intellectual and social contexts through a number of contemporary theoretical perspectives.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

LIT2040 American Literature I
This course surveys American literature from its pre-Colonial origins through the mid-19th century. Literary movements are examined in their historical, political, intellectual and social contexts through a number of contemporary theoretical perspectives. Students engage with major issues, past and present, as constructed and revealed through literary texts. Students study representative authors, poets and playwrights working in a variety of forms, styles and genres. Special attention is paid to the formation of the American literary tradition.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Denver, Providence, Providence CE
3 Semester Credits

LIT2050 American Literature II
This course surveys American literature from Reconstruction to the present. Literary movements are examined in their historical, political, intellectual and social contexts through a number of contemporary theoretical perspectives. Students engage with major issues, past and present, as constructed and revealed through literary texts. Students study representative authors, poets and playwrights working in a variety of forms, styles and genres. Special attention is paid to the formation of the American literary tradition.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Charlotte, Denver, Providence, Providence CE
3 Semester Credits

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, Denver, North Miami, Providence, Providence CE
3 Semester Credits

LIT2090 Multi-Ethnic Literature
This course introduces students to fiction, autobiography, poetry, drama and many other forms of literature by writers from many racial and ethnic backgrounds including African American, Asian American, Latino, Chicano, American Indian and more. Emphasis is placed on the historical context in which the writings have evolved as well as the problems encountered by these various cultural groups as they intersect with American culture. Through reading the literature of many cultures and countries, students search for the common themes that unite humanity across the globe.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

LIT2100 British Literature Survey I
This course surveys British literature from the Middle Ages through the Renaissance, Restoration and 18th century. Literary movements in their historical, political, intellectual and social contexts are explored through a number of contemporary theoretical perspectives. Students discuss major issues, past and present, as constructed and revealed through literary texts. Students study influential works from diverse authors such as Chaucer, Malory, Spenser, Shakespeare, Wroth, Bacon, Milton, Behn, Swift and Burney, among others, who present a range of views on gender, class, race, religion, politics and other controversial subjects.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Denver, Providence
3 Semester Credits

LIT2150 British Literature Survey II
This course surveys British literature from the Romantics through the Victorian, Modernist and Contemporary eras. Literary movements are examined in their historical, political, intellectual and social contexts through a number of contemporary theoretical perspectives. Students discuss major issues, past and present, as constructed and revealed through literary texts. Students study influential works from diverse authors such as Wordsworth, Austen, Keats, Kipling, Wilde, Gaskell, Dickens, Yeats, Joyce, Woolf, Lawrence, Burgess and Kingsella, among others, who present a range of views on gender, class, race, religion, politics and other controversial subjects.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Denver, Providence
3 Semester Credits

LIT3001 Studies In Drama
This is an introductory course in the history of drama. Critical analyses of literary elements are conducted in the context of genres from the ancient Greeks to contemporary drama. Both written works and performances are examined and analyzed.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

LIT3015 Food In Film And Literature
This reading, screening and discussion-intensive course explores representations of food in both literature and film. Students examine how narratives are framed, how characters are developed, and how recurring themes of food are used symbolically and metaphorically. Utilizing a wide range of influential texts and select films, our inquiry includes extensive analyses of the role that food plays in contributing to the development of our cultural and personal identities as well as creating and maintaining communities. The readings and films provide a comprehensive overview of different time periods to allow for analyses of themes such as gluttony, desires and appetites, and celebrations of nature's bounty among many others.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

LIT3018 Honors Seminar: Food In Film and Literature
This reading and writing-intensive Honors seminar traces the use of food as both subject and metaphor in literature and film throughout the ages. The first half of the course examines the relationships between food and philosophy, food and politics and food and history as portrayed through a wide variety of literature 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
3 Semester Credits

LIT3030 Studies In Poetry
This course prepares the student to read, analyze, and write about poetry from different critical perspectives. Students study representative poets and are exposed to a variety of forms and techniques of poetry from the Middle Ages to the contemporary.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

LIT3120 Masterpieces of World Literature
This course provides students with the opportunity to explore the texts that have shaped and continue to shape the literary canon, starting with ancient texts dating from the earliest works of literature to major works from many historical periods and civilizations. Students read and think critically about literary works to examine them carefully. Close readings allow students to gain insight into the works in their cultural/historical contexts and of the enduring human values and conflicts that span various literary traditions.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Denver, Providence
3 Semester Credits
LIT3180 The Graphic Novel
This course serves as an introduction to critical methods in popular culture studies, with a focus on the graphic novel as cultural product and practice. Students explore the role graphic design plays in storytelling, as well as the ways in which meanings emerge in several celebrated texts of the graphic novel genre. Through diverse theoretical perspectives, students explore notions of identity, character interaction, intertextuality, comic art and caricature within both fictional and autobiographical works.
Prerequisite(s): MATH1020 or MATH1027.
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

LIT4010 Science Fiction
This course analyses the evolution of science fiction from its early origins to the present. Fantastic and futuristic elements of plot are examined as social commentary. A variety of styles in several genres include traditional science fiction, fantasy, horror and cyberpunk.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

LIT4040 Shakespeare
This course presents an introduction to the world of William Shakespeare by examining the historical contexts of his work, his life and his theatre. Works read and analyzed during the course are representative of Shakespeare’s achievements in history, tragedy, comedy and poetry. Students trace Shakespeare’s continuing relevance and influence on modern art and thought.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

LIT4800 Advanced Studies in a Major Literary Figure
This course engages students in the historical study of the works of a major figure as one of the most influential writers of their time as well as today. This course provides an overview of the author’s life and writing, in historical and literary contexts. Students engage in close readings of the author’s works to explore the central tensions of the author’s time and relate these works to current trends in culture and literature. Students also review scholarship and apply critical methods to make sense of the author’s aesthetic achievements and relationship to these trends.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Denver, North Miami
3 Semester Credits

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 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
1.5 Semester Credits

MATH1002 A Survey of College Mathematics
This course is designed to teach students the basic mathematical concepts and methods that will assist them in using mathematics in both their personal and professional lives. Topics include problem solving, sets, probability, statistics, consumer mathematics, and the rudiments of college algebra.
Prerequisite(s): MATH0010 or math placement. (HY) (OL)
Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE
3 Semester Credits

MATH1020 Fundamentals of Algebra
This course provides students with a working knowledge of the basic elements of algebra. Topics covered include graphing, inequalities, exponents and roots, logarithms, and factoring, and the solution of linear, quadratic, logarithmic, rational and radical equations, as well as systems of linear equations.
Prerequisite(s): MATH0010 or math placement. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MATH1030 Precalculus
This course features the concepts and techniques essential for the study of calculus. Topics include functional notation; algebraic, trigonometric, exponential and logarithmic functions; analytic trigonometry; and matrix algebra.
Prerequisite(s): MATH1020 or math placement. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MATH1035 Quantitative Analysis I
This is a business-oriented mathematics course that features applications in algebra and differential calculus. Topics include linear, quadratic, exponential and logarithmic functions as well as matrices, linear programming, and derivatives.
Prerequisite(s): MATH1020 or math placement. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MATH1040 Calculus I
This course provides students with an introduction to the basic elements of differential and integral calculus. Topics include functions and limits, continuity, differentiation and its applications, relative extrema, and an introduction to integration.
Prerequisite(s): MATH1030 or math placement.
Offered at Denver, North Miami, Providence, Providence CE
3 Semester Credits

MATH2001 Statistics I
This course is designed to provide students with the basic statistical concepts and techniques that will assist them in both their personal and professional lives. Topics include measures of central tendency and dispersion, probability distributions of both discrete and continuous random variables, sampling distributions, estimation theory, and an introduction to hypothesis testing.
Prerequisite(s): MATH1002 or higher (minimum grade of C in MATH1002 or MATH1020 required for hybrid sections of MATH2001). (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MATH2002 Statistics II
This course is a continuation of Statistics I. It is designed to provide students with the statistical concepts and techniques of inferential statistics. Topics include hypothesis testing; testing the difference between two means, two proportions and two variances; correlation and regression; Chi-square tests; analysis of variance and sampling techniques.
Prerequisite(s): MATH2001 or MATH2010. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MATH2010 Introduction to Biostatistics
This course is an introductory statistics course with a focus on applications to biomedical and related fields such as nutrition, pharmacology, ecology, genetics, health and physiology. Topics include descriptive statistics, correlation and regression, statistical studies, elementary probability theory, probability and sampling distributions, estimation theory, and hypothesis testing.
Prerequisite(s): MATH1002 or MATH1020 or math placement. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MATH2020 Discrete Mathematics
This course is designed to give students the basic mathematical concepts and methods that are prevalent in information science. Topics include logic, sets, relations, functions, algorithms, recurrence relations, elementary graph theory and trees.
Prerequisite(s): MATH1020 or math placement. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

MATH2035 Quantitative Analysis II
A continuation of MATH1035, this course further examines the applications of the derivative such as maxima and minima, and marginal analysis. Both indefinite and definite integration are discussed along with their application to business and economics. Partial differentiation and functions of several variables are also presented.
Prerequisite(s): MATH1035 or math placement.
Offered at Providence, Providence CE
3 Semester Credits
MATH2040 Calculus II
This course is a continuation of MATH1040. Topics include a detailed treatment of the calculus of transcendental functions, formal integration methods, improper integrals, infinite series, and further topics in analytic geometry.
Prerequisite(s): MATH1040.
Offered at Providence, Providence CE
3 Semester Credits

MATH2043 Ordinary Differential Equations
This course introduces the student to the field of ordinary differential equations. Topics include methods for solving linear differential equations and their applications, Laplace Transform Methods, and the solution of systems of linear differential equations along with their applications.
Prerequisite(s): MATH2040.
Offered at Providence, Providence CE
3 Semester Credits

MATH3040 Calculus III
This course is a continuation of MATH2040. It is designed to provide students with a detailed treatment of the calculus of functions of several variables and vectors. Topics include vector algebra, vector-valued functions, partial derivatives, vector differential calculus, and the integration of vector fields including the Divergence Theorem and Stokes' Theorem.
Prerequisite(s): MATH2040.
Offered at Providence, Providence CE
3 Semester Credits

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.
(HY) (OL)
Offered at Online, Providence
3 Semester Credits

MCST1005 Introduction to Media & Communication Studies
This is a survey course that introduces students to the study of media across time and space. The course focuses on the histories of various modalities, from speech and print to television and social media. Students also engage with a variety of concepts from the field of media studies, as well as with political-economic and social-cultural approaches to media research.
Offered at Charlotte, Denver, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

MCST1150 Introduction to Media Production
This production course introduces students to several modes of professional practice in the field of media production. Through the creation of short works of visual and auditory media, students acquire practical, professionally focused experience as well as the necessary technological skills to effectively communicate their message to an audience. With emphasis on the craft of storytelling, this course provides students with the foundational experience they need to engage in more complex, independent media productions.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Providence
3 Semester Credits

MCST1210 Foundations of Digital Photography
This introductory course provides students with an overview of important concepts, terminologies and best practices associated with digital photography. Through a number of hands-on exercises, assignment work, and discussions and critique, students discover the many overlapping connections between image-based communication and personal expression. While learning how digital cameras work, students become immersed in a critical discourse which allows them to identify and create more successful imagery. Topics include portraiture, food and event-based photography, documentary and technological considerations.
Prerequisite(s): ENG1020 or ENG1024 or English placement.
Offered at Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits
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): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

MCST2400 Writing for Publication
This course focuses on the various sectors and processes of the publishing industry, including (but not limited to) periodicals, book publishing, professional journals and online publishing. Throughout the term, students explore the various sectors of the industry and become adept at researching the market and identifying appropriate venues for a variety of works. Instruction begins with critical analysis of the market and develops into an in-depth discovery of the industry from the genesis of a piece to representation, acquisition, editing, distribution and marketing. Issues of copyright laws, collaboration and issuance of contract terms are central to the course. By the end of the term, students are challenged to assess their own writing in regard to audience, timeliness and marketability in today’s publishing industry.
Prerequisite(s): ENG1021 or ENG1027. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

MCST2450 Writing in Digital Media
This course examines the theory and practice of writing in a digital age. Special emphasis is on ethics and the rhetorical conventions for online communication and the design of information, particularly for professional purposes. Topics include designing an effective blog, Web style and identity online, social media applications, copyright and authorship issues, and participating in collaborative online environments.
Prerequisite(s): ENG1021 or ENG1027 (or concurrent). (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

MCST2500 Digital Journalism
This course prepares students for reporting and delivering news stories. By researching, writing and reporting on newsworthy events, students assume the many responsibilities of a journalist in the 21st century: reporter, producer and content creator. Through both lecture and experiential coursework, students are trained in best practice techniques necessary for a career in professional journalism. Lessons include writing copy and recording voice tracks as well as video recording, editing and distribution — all of which culminate in the production of multimedia news packages.
Prerequisite(s): DME3300 or GDES3300 or MCST1150.
Offered at Denver, Providence
3 Semester Credits

MCST2550 Introduction to Multimedia Storytelling
This course examines the practice of journalism and multimedia coverage in a digital age. Special emphasis is placed on preparing students to create content and to package news for a multi-platform audience. Topics include reporting and writing for the web; using photography, graphics, sound and video to tell a story; designing and publishing online; and incorporating social media and networks.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Providence
3 Semester Credits

MCST2610 Motion Picture Editing
Motion Picture Editing is a video post-production course which provides students with a thorough overview of non-linear editing software and techniques. Students work on a number of short video projects while gaining a thorough understanding of professional editing applications and their user-interfaces. Media management, post-production workflow, audio trimming, and mixing as well as color correction and file compression are studied.
Prerequisite(s): Sophomore status.
Offered at Denver, Providence
3 Semester Credits

MCST2650 Sound Production
This is an audio-based course that provides students with the necessary recording skills required to inform and entertain an audience sonically. While primarily focusing on the delivery of effective aural messages, students are responsible for the writing, recording, assembly and post-processing of short audio products such as podcasts and voice-over narration for television and film. Techniques in microphone usage, foley recording and sound design are introduced as students put the pieces together using a digital audio workstation.
Prerequisite(s): MCST1150.
Offered at Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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, junior status. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

MCST3100 Radio, Records and Popular Music
This course is divided into three interlocking sections: genres, industries and technologies. The genres section explores major forms of popular music, such as jazz, blues, country and rock. The industries section examines how the businesses of radio and music produce culture. The technologies section describes the gramaphone, 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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits
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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

MCST3300 Hip-Hop Culture
Hip-Hop culture, over the course of its recognized existence, has given rise to much controversy, admiration and study. Now recognized as a global phenomenon that appeals to youth cultures, the Hip-Hop movement can be identified in nearly every aspect of human existence. Hip-Hop is also the subject of transnational dialogues about race, gender, sexual orientation, class, tradition and change. In the spirit of such dialogues, this course facilitates discussion and research about the creation, circulation and consumption of Hip-Hop culture. Course readings cover Hip-Hop’s history from the African diaspora to contemporary influences around the world.
Prerequisite(s): ENG1021 or ENG1027, sophomore status.
Offered at Denver, North Miami, Providence
3 Semester Credits

MCST3600 Narrative Filmmaking
This course provides students the opportunity to collaborate on the production of a number of short films that explore fiction-based storytelling. Emphasis is on creating visual dynamism as students develop, write, direct and produce their own short films. Advanced techniques in lighting, cinematography and directing actors allow participants to create work with high-production value.
Prerequisite(s): MCST1150.
Offered at Providence
3 Semester Credits

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. Particular emphasis is placed on the idea of globalization and its connection to contexts of reception at local, national, and international levels. The course also addresses key themes such as trade, tradition, nation, globalization, and localism. Students read political-economic and ethnographic analyses of cultural artifacts and production sites that bear the imprints of, on the one hand, transnational media corporations, and, on the other, regional audiences.
Prerequisite(s): ENG1021 or ENG1027, senior status. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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, MCST1005 or MCST1010. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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, MCST1005 or MCST1010, senior status. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

MCST4200 Senior Seminar in Media & Communication Studies
This seminar draws on coursework from the major and synthesizes it in the form of a research-based project on an original topic. Projects focus on substantive issues and may take several forms, from traditional scholarship such as a research paper or a critical analysis, to creative work — film or television scripts, journalism, fiction, photography, music or any type of performance art. The seminar is a continuation of MCST4190 Media Research Methods.
Prerequisite(s): MCST4190, senior status. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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, MCST1005 or MCST1010, sophomore status. (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT2001 Human Resource Management
Human Resource Management (HRM) is the strategic approach to the management of people in an organization. Organizational Behavior (OB) is the way people think, work and behave in an organization. The field of HRM is reliant on OB; it considers the behavior of individuals and groups within organizations and explores how to effectively lead employees to achieve the organization’s goals. This course provides students with knowledge, skills and understanding of HRM and OB to prepare them for using organizational behavior knowledge to practice effective management of human resources (employees). Topics in HRM include job design, recruitment, selection, training and development, performance appraisal, compensation, compliance with employment regulations and laws, labor relations, and strategic human resource management. Topics in OB include motivation, learning, and organizational culture.
Prerequisite(s): BUS1001 or EVNT1001 or FSM1001 or HOSP1001 or SEE1001 or SPM1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
MGMT2020 Organizational Dynamics
This course prepares students for changing workplace dynamics and professional, personal and group behaviors in organizations. In this course students apply business and organizational behavior knowledge within the context of interactive business projects and/or business case(s) while developing their team facilitation skills. Students are introduced to and practice concepts and management skills associated with team facilitation, team development, project management, decision-making, providing/ receiving feedback, negotiating, communication, leadership, and personality/dispositions. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT2030 Operations and Supply Chain Management I
This course provides an overview of the fundamentals of operations and supply chain management in the manufacturing and service sectors. The course reflects the changing face of operations from an internally focused supportive function to a strategic part of the enterprise value chain. Topics include the supply chain model, product and process design, project management, process analysis, total quality management, and sustainability. Prerequisite(s): FIT1040. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

MGMT3005 Workforce Planning and Deployment
This course explores the human resource processes of workforce planning, including sourcing, recruiting, hiring and retaining and mobilizing talent within the organization. Subtopics include developing and evaluating sources of talent, succession planning, and the legal environment’s impact on such managerial actions.
Prerequisite(s): MGMT2001. (HY) (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT3015 Labor Relations
This course explores labor relations within organizations and the processes used to clarify and manage relationships with employees, specifically in unionized environments. Emphasis is on assessing how union, governmental and workforce policies, practices, history and functions relating to labor management in the public and private sectors affect business and human resource management.
Prerequisite(s): MGMT2001. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT3030 Managerial Technology
This course surveys the relationship of technology with the managerial process, strategic competitiveness, operational effectiveness and the business enterprise. The course explores technologies typically available to business managers, and how those technologies can be leveraged to increase organizational and professional success. Students are also exposed to approaches and managerial practices through demonstrations, case studies, simulations and experience-based exercises.
Prerequisite(s): FIT1003 or FIT1040, MGMT2030. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT3035 Operations and Supply Chain Management II
This course expands on students’ knowledge of operations and the supply chain by introducing students to qualitative and quantitative methodologies used by operations and supply chain professionals. The course covers key concepts in the areas of forecasting, capacity, utilization, scheduling, inventory management, and planning including MRP and ERP. Students apply these concepts and their associated methodologies to common problems faced by organizations.
Prerequisite(s): MATH2001, MGMT2030. (HY) (OL)
Offered at Charlotte, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT3040 Process and Quality Management
This course thoroughly examines the concept of quality management as well as tools and approaches used to manage quality improvement efforts in organizations. Students are exposed to the theoretical and practical issues to prepare them to initiate quality and process improvements in their business careers, suitable for operations management and other functional professionals.
Prerequisite(s): MGMT2030, MATH2001. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT3045 Logistics
This course acquaints students with the basic concepts of product distribution and the terminology used in the logistics field. The course recognizes the changing face of logistics from an internally focused supportive function to a strategic part of the enterprise value chain. Students learn the process of planning effective product distribution and discuss methods of transportation and traffic management techniques. Emphasis is on the following major areas: the supply chain model, product and process design, project management, inventory and inventory management, warehouse management, global logistics and sustainability and risk management.
Prerequisite(s): MGMT2030. (HY) (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT3050 Compensation, Benefits and Total Rewards
This course explores the dynamic profession of compensation, benefits and total rewards management. Topics are explored through the perspective of the human resources professional, which provides a view of the ever-changing world of employee reward development, government and regulatory changes, and expectations of both the employer and employee in a competitive business arena.
Prerequisite(s): MGMT2001. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT3055 Procurement
This course acquaints students with the basic concepts of purchasing and supply chain management. Emphasis is on the organization and operation of the procurement department, principles and procedures in purchasing processes, strategy, and planning (ERP, MRP, WMS, etc.). This course covers price considerations, quality, commodity management/sourcing, the negotiation process, legal aspects in purchasing, social responsibilities/ ethics, supplier selection, supplier management and e-commerce/technology management.
Prerequisite(s): MGMT2030. (OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

MGMT3060 Training and Development
This course explores training and development in a competitive global business environment. The course reviews research findings that support training and development as an essential component of effective business performance. Students explore the relationship between business strategy and strategic training and development, as well as the relationship between learning theory and effective training and development. Students design and deliver training in the classroom setting.
Prerequisite(s): MGMT2001. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
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. (HY) (OL)
Offered at Charlotte, North Miami, Online, Providence, Providence CE
3 Semester Credits

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 lives, 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. (HY) (OL)
Offered at Charlotte, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT4020 Strategic Management
This course provides students with the fundamentals of business strategy. The first part of the course addresses environmental analyses and the tools used to assess these environments. The second part of the course addresses the different strategies a firm may choose at both the firm- and business-unit level, and how the chosen strategic position is strengthened through internal alignment. The third part addresses the theories behind developing sustainable competitive advantage. Leadership and corporate ethics are also discussed.
Prerequisite(s): Senior status. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT4030 Senior Business Capstone
This capstone course requires students to synthesize knowledge gained from previous coursework in business strategy, operations, finance, production, marketing, information technology, human resource management and corporate social responsibility to make decisions in a simulated business environment.
Prerequisite(s): MGMT4020, senior status. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT4050 Contemporary Issues in Operations and Supply Chain Management Strategy
This course examines the operations and supply chain function as an organization’s source for developing a sustainable, competitive advantage. The concept of operations is viewed from the perspective of the firm’s entire value chain. The impacts of technology, globalization and contemporary issues are examined in depth. Through the use of business cases and/or simulations, students apply operations management techniques and tools to determine strategies and make operational and supply chain decisions.
Prerequisite(s): BUS3010 or MGMT4020, senior status. (HY) (OL)
Offered at Charlotte, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT4070 Strategic Human Resource Management
This 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. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT4140 Human Resource Management Seminar
This seminar course focuses on emerging areas within the field of human resource management and the strategic deployment of human capital to support organizational strategy. Students research and examine these areas within the context of strategic and human resource management. Students then apply concepts from earlier coursework and assess the emerging area while identifying the appropriate changes within the human resource management practices to support day-to-day operations.
Prerequisite(s): MGMT3050, MGMT3060, junior status. (HY) (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

MGMT4200 Leadership Capstone
This capstone course requires students to apply their previous studies of management, business and leadership to analyze and solve leadership issues posed in different cases and scenarios. They also examine how elements such as organizational strategy, strong decision-making skills, and visionary thinking can be used by individuals in leadership positions to maximize workplace performance and employee morale. In addition, students assess how informal leadership roles held by employees and formalized leadership roles attributed to organizational hierarchy connect to significantly impact the work processes that underscore modern business practices. At the end of this course, students utilize their in-depth understanding of classroom material to integrate leadership and management principles into a comprehensive project addressing a current and meaningful organizational issue.
Prerequisite(s): BUS3010, LEAD2012. (OL)
Offered at Online
3 Semester Credits

MGMT5323 Communication and Conflict Resolution
This course examines the underlying sources of conflict in professional settings and interactions, and how mindful, productive communication helps to minimize both tension and anxiety in communication exchanges. This course introduces daily organizational conflicts and how they impact organizational performance and outcomes. Students assess how communication can effectively alter their perceptions of conflict and how it can be used as a positive force for change and growth. Additionally, students diagnose a significant conflict in their own professional lives and develop an effective communication plan that eliminates workplace conflict that impacts the organization's overall effectiveness.
Prerequisite(s): COMMS200. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

MGMT5350 Talent Development
This course examines the specific elements that go into the identification of organizational talent and the methods by which that organization attracts, develops, engages and retains quality employees. Strategies to improve required competencies, encourage professional development and maintain the motivational levels of high-performing employees are also discussed. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

MGMT5575 Operations Management
This course provides students with a broad introduction to the field of operations management in a realistic and practical manner. The course blends accounting, industrial engineering, management science and statistics to assist in solving real-world operations management problems. The course integrates case studies in many of the operations management areas of study, such as product design, quality, globalization and inventory control.
Prerequisite(s): EMGTS010 or MGMT5800. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits
MGMT5800 Effective Leadership
This course reviews how mid- to upper-level managers can become effective leaders by drawing on knowledge of the major concepts, theories and skills used in the field of organizational behavior. A major focus of this course is on developing leadership diagnostic and problem-solving skills through numerous analyses of situations that mid- to upper-level executives are likely to encounter and require their attention. Throughout this course, particular emphasis is placed on the ethical, international and multicultural dimensions of organizational leadership. Students conduct research on selected topics in the fields of leadership and organizational behavior. Students also participate in a wide variety of self-assessment exercises that will help them better understand what they need to do next to become more effective leaders.
Prerequisite(s): RSCH5800. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

MGMT5850 Women and Leadership in Society
This course is designed to offer students a critical analysis of interpersonal, social and cultural barriers related to women and leadership positions/roles within organizations in the US. Through a review of selected autobiographical stories of female leaders and historical data that explains the challenges faced by women within society, students develop a greater understanding of issues related to female leaders. In addition, students study the existing biases and expectations found in current organizations in order to identify ways to reduce the gender divide within their organizations.
Prerequisite(s): MGMT5800. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

MGMT5885 Workplace Emotional Intelligence
In today’s business world, communication skills that demonstrate clarity and congruence are often considered among the most valuable to possess. However, another kind of communication skill has become significantly important in contemporary organizational life. Emotionally intelligent communication is the ability to read individuals and successfully gauge their emotional tenor as they deal with others in a variety of workplace challenges. This course examines what emotionally intelligent and mindful communication is and how the practice of bringing presence to everyday work communications can be applied to numerous business interactions. The benefits and challenges associated with this kind of communication are also explored. Lastly, students are introduced to a number of tools and techniques that can enhance their mindful approach to communication and help build the interpersonal relationships critical to organizational success.
Prerequisite(s): MGMT5800. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

MGMT5900 Ethics, Corporate Social Responsibility and Law
This course challenges students in making difficult and necessary ethical choices on the basis of limited information and frequent conflicting values. In their future roles as professionals in a chosen field, students face moral temptation and ethical dilemmas that resist easy answers or simple formulas for action. A major goal of this course is to develop an analysis of the important role of all stakeholders in a corporation. The firm’s interaction with its environment, navigation through national and international laws reconciling various legal obligations, and impact as it discharges its responsibility to the world and local community is extensively shared through case studies and community service projects.
Prerequisite(s): Completion of required foundation courses or EMGT5010, EMGT5020. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

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): MGMT5800, RSCH5700. (HY)
Offered at Charlotte, Denver, Providence
3 Semester Credits

MGMT6030 Entrepreneurship
This advanced management course enables students to gain competence in the specific techniques used by successful entrepreneurs. This course examines entrepreneurial myths and realities, as well as the concept of corporate entrepreneurship.
Prerequisite(s): RSCH5700, MGMT5800. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

MGMT6056 Contemporary Leadership Issues and Strategies
Building on concepts and skills acquired in the core leadership course (MGMT5800), this is an advanced leadership course that explores in depth the topic of how to deal with the multifaceted nature and challenges of contemporary leadership. Key themes in this course include identifying contemporary leadership issues and exploring the pros and cons of using different strategies to address these issues. Primary emphasis is on learning techniques that students can use to continue to develop their leadership skills as they progress in their respective careers. Employing a seminar/workshop format, students are required to research strategies for dealing with important contemporary leadership issues that they will pursue in depth and then present to the class. By the conclusion of this course, students are required to describe in writing the particular strategies, skills and sensibilities that they will need to continue to develop in order to fully realize their potential as leaders.
Prerequisite(s): MGMT5800, RSCH5700. (HY) (OL)
Offered at Charlotte, Denver, Online, Providence
3 Semester Credits

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 Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

MGMT6150 Coaching and Consultation Skills
This course examines the theories that undergird the practices of executive coaching and organizational consulting. Topics covered include coaching and leadership principles, relevant competencies and communication skills, and contemporary ethical and legal issues. Students investigate applicable assessment tools and resources to apply effective ethical and professional principles of coaching and consulting to practice through the analysis of economic, market and competitive forces that impact business strategy and performance. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits
MGMT6210 Project Management
This course covers all knowledge areas in the project management body of knowledge (scope, schedule, budget, risk, procurement, communication, human resources and quality) and combines theory with practice. Students analyze real-world project scenarios and apply concepts of knowledge areas, tools and techniques to create concrete project management artifacts and solve typical problems that arise in business. This course provides industry best practices and current trends, going beyond the standard project management textbook material. Students work in teams to experience project management situations and practice leadership, communication and negotiating skills.
Prerequisite(s): EMGT5010 or MGMT5800. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

MGMT6225 Team Dynamics
In today’s world, teams are a keystone of work life and managing change. The process of establishing and leading effective teams involves thoughtful attention to diverse personalities, perspectives and skill sets in addition to many other sociocultural factors. This course analyzes the impact of individual, group and organizational variables on team dynamics, and vice versa. Students critically discuss key theories, research and principles on teamwork and apply them to address an array of problems faced in modern actual and virtual team settings through case studies, as well as group and individual projects. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

MGMT6310 Designing & Managing Supply Chains
This course examines the logistics management and components, design and operations, and administration and risk of supply chains, including technology. Areas covered include supply chain theory and practice, logistics and planning, procurement and buying, information management, inventory management, transportation infrastructure, network and operations design, and performance and risk measure. Upon completion of the course, students have an overall understanding of how to build and operate an efficient supply chain and understand the individual components of the chain.
Prerequisite(s): MGMT5575. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

MGMT6320 Global Strategic Sourcing
In this course, students learn to design, build, evaluate and manage a global sourcing network for a business. Focus includes theories of how strategic global sourcing benefits the firm including make/buy analysis, supplier evaluation and other key aspects. The majority of the course examines the components of global sourcing networks and how to build and combine these components into a full strategic sourcing supply model.
Prerequisite(s): MGMT5575. (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

MGMT6330 Global Logistics
This course examines the practice of global logistics. Students learn the aspects of current logistical practices, how logistics incorporates information technologies, the impact of logistics on financial measures of the firm, and how logistics are used in inventory management, facility location, warehouse operations and transportation management. Focus is on logistics in the global market; special attention is given to the application and understanding of international issues in the field.
Prerequisite(s): MGMT5575. (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

MGMT6340 Lean Production and Quality Control
This course examines various quality control techniques and methods with a concentration on achieving lean efficiency in all areas of operations. Areas covered include lean thinking, value-stream mapping, Gemba Kaizen, continuous process improvement methods, Kaikaku methods, work flow analysis, and error proofing operations and supply chains. Upon completion of the course, students are prepared to take the Lean Bronze Certification Exam.
Prerequisite(s): MGMT5575. (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

MGMT6360 Organizational Theory and Change
This course reviews and analyzes theory and research as they pertain to organizational design and change. Students discuss the influence of environmental forces on organizational effectiveness and change. Both classical and contemporary theories as well as practical models for organizational design and change are explored. Students are empowered as scholar practitioners to effectively influence change in organizational settings and discuss organizational design strategy in an ever-changing global environment.
Prerequisite(s): PSYC5400. (OL)
Offered at Online
3 Semester Credits

MGMT6440 Project Management Simulation I
This course is the first of two courses designed to be an advanced successor to MGMT6210. It allows students to apply their knowledge of project management to real-world projects in a simulated environment. Students are assigned projects at the beginning of this course and then create all of the required project management artifacts. They manage change and measure results of the deliverables throughout the term. Project “updates” are submitted each week and reviewed by the instructor (project sponsor). This first of two courses closes with the project sponsor changing scope of the project.
Prerequisite(s): MGMT6210. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

MGMT6450 Project Management Simulation II
The second of two advanced courses, this course allows students to apply their knowledge of project management to real-world projects in a simulated environment. This course continues to build on the project assigned in Project Management Simulation I by adding the business components of human resource management, communications management and procurement management after the initial scope was modified at the conclusion of Project Management Simulation I. The course concludes with project closure procedures while continuing to manage change and measure results of the deliverables at the end of the term. Project “updates” are submitted each week and reviewed by the instructor (project sponsor).
Prerequisite(s): MGMT6440. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

MGMT6800 Business Policy and Strategy
This interdisciplinary capstone core course focuses on how to create, identify and manage competitive advantage within an organization. Students are encouraged to use skills and insights developed during prior coursework as they strategically analyze contemporary business issues and cases. Throughout the course, particular emphasis is placed upon developing both a strategic perspective and a global viewpoint. Students formulate strategies and tactics that are appropriate for the different organizations under consideration. Readings, exercises and class discussions focus on real-world examples of strategic issues that students are likely to encounter as managers of organizational units. Tools and techniques for performing strategic analyses and stimulating innovative problem solving in a highly competitive global environment are covered in detail. Students complete a major comprehensive project that is graded collaboratively.
Prerequisite(s): Completion of required core courses. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

MGMT6810 Graduate Seminar in Strategic Management
This elective seminar offers a review and discussion of the contemporary literature on management and strategy using source documents from the most recent professional publications and academic research. Students conduct and present in-depth analyses of selected topics in management science, including relevant research from organizational and social psychology. Through readings and discussions, students become familiar with evidence-based approaches that can lead to better decision-making processes. The wisdom of many management fads and conventional wisdom are questioned through examinations of the research in those areas.
Prerequisite(s): MGMT6800 (or concurrent). (OL)
Offered at Denver, Online, Providence
3 Semester Credits

All Courses 89
MGMT7000 Organizational Strategy and Design
This course provides insights on how to build, change and organize business structures, as well as investigate strategic theories, tools and best practices, applied to real case studies. Students review scholarly literature and other sources of information on developing business strategy and organizational architecture. (OL)
Offered at Online
3 Semester Credits

MGMT7010 Organizational Behavior
This course focuses on the theoretical and practical models and implications of organizational behavior and its relationship to individual, group and organizational challenges and opportunities. Students learn how to best leverage their human resources and create a productive and ethical work environment by studying concepts such as diversity in the workplace, perception and attribution processes, motivation and individual differences in organizations, group dynamics and decision-making, teamwork, leadership, job performance and satisfaction, and quality improvement programs. (OL)
Offered at Online
3 Semester Credits

MGMT7030 Innovation and Change
This course focuses on research, evaluation and application of organization change and innovation theories. Students evaluate change and innovation research and apply their understanding to the development and presentation of organization change plans. Students analyze cases and synthesize scholarly research related to their industry/and or interest area to produce a literature review supporting their doctoral research. Upon completion of this course, students are able to develop quantitative and qualitative proposals for organization change and innovation research. (OL)
Offered at Online
3 Semester Credits

MGMT7050 Contemporary Leadership Issues
This course is designed with the experienced leader in mind. Students learn the latest research pertaining to individual, team and organizational leadership. Emotional intelligence, particularly self-awareness, is the foundation for leadership competence and personal power. Students gain insights that serve as the foundation for authentic, positive communication (verbal and non-verbal), principled decision-making and moral authority. Emphasis is on understanding leaders’ influence on organizational culture, climate, human resource development and corporate social responsibility. Communication technology, the shift of power to consumers, and changes in societal values are powerful forces causing organizations to become transparent and integrate authentic values with brand image. (OL)
Offered at Online
3 Semester Credits

MGMT7070 Business Analytics and Intelligence
This course applies key concepts of business intelligence from an executive management perspective in the contemporary business environment. Students learn how to leverage big data and systems to develop and evaluate strategic alternatives, make better informed decisions, and effectively manage business. This course includes an overview of uses and users of business intelligence, as well as the type of applications and tools that may be deployed in business analytics to foster data-driven decisions in the new digital and global economy. (OL)
Offered at Online
3 Semester Credits

MGMT7090 Executive Decision-Making
This course allows students the opportunity to enhance critical-thinking and reasoning skills concerning strategic business issues involving ambiguity and uncertainty. Students learn to structure the decision-making process and use quantitative techniques such as decision trees and simulation, as well as qualitative tools such as estimating probabilities. Estimating risk tolerance, prioritizing objectives, and the ability to generate and evaluate alternatives are covered for managerial decision-making. (OL)
Offered at Online
3 Semester Credits

MGMT7120 Advanced Strategies in Organization Development
This course focuses on aligning organizations with the rapidly changing and complex environments through organizational learning, knowledge management and transformation of organizational norms and values. Key concepts of organizational development theory are discussed, including organizational climate (mood or personality, including attitudes and beliefs that influence members’ collective behavior), organizational culture (deeply-seated norms, values and behaviors that members share) and organizational strategies (how an organization identifies problems, plans action, negotiates change and evaluates progress). (OL)
Offered at Online
3 Semester Credits

MGMT8120 Organizational Interventions — Disruption and Change
This course prepares students to diagnose the internal and external environments when disruption and change occurs in organizations, and provides them the skills to develop plans to support the organization as it undergoes changes. Students utilize research in several fields to make informed decisions and collect research within organizations to make decisions, including psychometric assessments. Students gain an understanding of the psycho-social impact of such changes on the workforce and make appropriate group-level and individual-level interventions. Students develop coaching and process consultation skills for future application in organizational development. (OL)
Offered at Online
3 Semester Credits

MGMT9120 Leading and Managing Large-Scale Transformation
This course focuses on research, evaluation and application of management theories pertaining to large-scale organization transformation. This course builds upon the management foundations explored in the core courses of the program and complements the organization development concentration courses. Large scale transformations of organizations are complex and multifaceted, and consequently require leaders to adopt numerous lenses to effectively understand and influence change. The four key theoretical frameworks are explored: 1) systems theories, 2) complexity theories as they pertain to organizational leadership, 3) global/international dimensions of organizational culture and 4) organizational ethics theories. Students analyze cases and synthesize scholarly research related to their industry/and or interest area to produce a literature review supporting their doctoral research. (OL)
Offered at Online
3 Semester Credits

MRKT1001 Brand Marketing & Consumer Value
In this course, students learn the dynamic role that advertising, marketing, media and branding play in today’s business, retail and public sector environments. Emphasis is placed on all aspects of integrated marketing communications and understanding the relationship between the brand and the consumer. Marketing fundamentals across multiple forms of media are explored in this course. Industry best practices and innovative marketing strategies are analyzed across digital and traditional forms of media. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT1002 Consumer Behavior
Consumer behavior is a social science that applies sociology, psychology and marketing to examine motivations and influences of purchase behavior. Students examine the various facets of the consumer decision process, including need recognition, consideration, conversion, purchase and post-purchase evaluation and digital aspects of the consumer decision journey. Prerequisite(s): MRKT1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT1011 Key Account Management
Students learn about buying processes and personalizations, and how to target, prospect, approach and interview customers in order to determine unmet needs and potential opportunities. Consultative selling, learning about the customer before talking about the product, is explored in this course. Students learn through role-plays and skills-based training to build relationships with customers and other business partners in a relationship-oriented world. Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits
MRKT2050 Marketing Research
This course provides students a broad overview of marketing research methods and the marketing research industry. Through both qualitative and quantitative research techniques students familiarize themselves with the appropriate uses and limitations of marketing research. Students increase their understanding of various marketing research techniques and gain insights into data-driven decision-making.
Prerequisite(s): MRKT1001, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT3002 Brand Design
This is an advanced course with an emphasis on corporate brand identity development. The course sequence focuses on the development of research, strategy, and design, in particular the areas of organization, culture, and identity. Students study how complex organizations are defined by their public identities, and how those identities can be strategized and designed with the goal of applying the concepts to a client-based project. Topics include a five-step brand identity process and a showcase of best practices. Project-based activity include brand research, logo development, product packaging, marketing and advertising collateral, web branding, and broadcast advertising development as applicable to client need.
Prerequisite(s): ADVC1010 or MRKT2050 or MRKT3005, junior status. (OL)
Offered at Charlotte, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT3005 Brand Marketing
This course examines the role of a brand as an asset to an organization and the advantages of creating strong brands. Emphasis is placed on the creation, measurement, and strategic applications of brand equity. Topics covered include choosing brand elements, designing supporting marketing programs, leveraging secondary associations, building brand portfolios, and adjusting brand strategy over time and geographic boundaries. Particular emphasis is placed on the role of promotional mix elements in the communication of brand equity.
Prerequisite(s): MRKT1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT3020 Product Development
This course examines the role of product development as a function of an integrated marketing system. Students explore the synergy of design and technology to create consumer value. Topics include innovation, concept generation, global sourcing, and manufacturing processes.
Prerequisite(s): MRKT1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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): BUS1001, junior status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

MRKT3033 Product & Brand Management
This course examines the role of product and brand management as an essential asset to an organization and the advantages of creating, developing and managing strong relevant products of value and the relation of its value to the organization's supply chain. Product and brand management is designed to improve student's marketing skills and understanding of specific marketing topics, as well as big picture issues of how various aspects of marketing fit together from a brand equity perspective and the nature of decision-making required to build and manage brand equity.
Prerequisite(s): BUS3010, MRKT2050. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT3050 Contemporary Sales in the Global Economy
In this course students view the sales process in the global economy. In addition, students explore the selling profession and sales management. Students demonstrate expertise in important sales management responsibilities such as territory management, account management, leadership, influence, motivation, recruiting, selection, training, compensation, forecasting and budgeting. Students learn through role-play and skills-based training to build relationships with customers and other business partners in a relationship-oriented world.
Prerequisite(s): ENG1030, MRKT1001, junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT3055 Survey Research
This course provides an overview of contemporary topics in quantitative research such as sampling, survey design, scale measurement, and data analysis. Students utilize current technology and software tools to create, distribute, analyze and interpret quantitative data gathered via survey research. The 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, Online, Providence, Providence CE
3 Semester Credits

MRKT3085 Marketing Analytics
This course is designed to teach students how to read and analyze marketing dashboards, which provide key insights about consumers that align with organizational objectives. Students compare and contrast different types of marketing metrics categories. Students learn how to understand brand loyalty from the customer’s data profile. Students gain experience with dashboard systems, which better prepares them for positions in the world of big data and the marketing analytics field.
Prerequisite(s): MRKT1001, junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT3100 Special Topics in Marketing
This course is a study of selected current topics in the field of marketing. This 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): MRKT1001, junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
MRKT4030 International Marketing
This course explores various differences in cultural, economic and legal factors as they relate to the marketing process. This is a systematic treatment of marketing on a global scale, extending basic principles into foreign marketing requirements. Students learn to identify and evaluate problems in the international marketplace and propose solutions and implementation strategies to resolve those problems.
Prerequisite(s): BUS3010 or MRKT3005, junior status.
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT4055 Global Strategic Marketing
This capstone course is designed to develop the students’ ability to implement an exciting and cohesive marketing strategy, adaptable to a changing business environment. It is a necessity for meaningful career preparation and placement of students in the field of marketing. This capstone course requires participants to develop skills essential to anticipating and responding to constantly changing needs of customers and markets. It is a thorough examination of marketing strategy, using a combination of text and case materials.
Prerequisite(s): BUS3010 or MRKT3005, MRKT2050, senior status.
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

MRKT5500 Strategic Marketing
This course is designed for students who can apply skills and knowledge gained through previous courses or experience. The course emphasizes issues of setting a viable marketing strategy through segmentation, targeting and positioning in today’s competitive global marketplace. Through case studies, course readings, lecture and student presentation opportunities, students address a wide range of marketing problems, many of which involve strategy. Additionally, through the cases and readings, students are exposed to a broad spectrum of marketing environments such as products and services or consumer markets versus business markets. The role of brand management in today’s competitive environment is presented.
Prerequisite(s): RSCH5700 or RSCH5800. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

MRKT6010 Advertising and Promotional Strategies
This course is focused on researching the marketplace, forecasting, planning, problem-solving and decision-making as they apply to promotional activities. Students investigate the various areas of promotion, learn the skills necessary to work with an outside agency or an internal department, and analyze the major components of personal selling, advertising, sales promotion and public relations. Topics discussed include advertising objectives, budget, media strategies, client-agency relationships and measuring advertising effectiveness.
Prerequisite(s): MRKT5500, RSCH5700. (HY)
Offered at Providence
3 Semester Credits

MRKT6035 Brand Management
This advanced marketing course focuses on the role of brand management in organizations, both large and small. A key component of this course is the historical development and current evolution of brands. The role of technology is explored. Current issues in brand management are an integral part of this course.
Prerequisite(s): MRKT5500, RSCH5700. (HY) (OL)
Offered at Online, Providence
3 Semester Credits

MRKT6543 Social Media & Internet Marketing
This course provides students with a broad view of the evolution of social media and Internet marketing. Social media and Internet marketing integration into a communication strategy are presented for both for-profit and nonprofit organizations. Students are challenged to execute social media and Internet advertising and measure the results. Analyses of research include qualitative and quantitative examination. Students are expected to have a solid understanding of the traditional marketing mix and a working understanding of social media and Internet advertising.
Prerequisite(s): MRKT5500. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

MRKT7100 Problems and Methods in Marketing Management
This course provides students the opportunity to evaluate and create marketing strategies within the context of business strategy. Assets, core competencies, the value proposition, product-market investment strategies, and interdependent functional strategies (e.g., HR, operations) create the competitive strategy that informs marketing strategies for products and brands. Students learn the theories of the field including both key seminal literature and current published research. Students explore problem-solving techniques for practical application through cases and modeling techniques, and study current developments in marketing from both academic and practitioner perspectives.
Offered at Online
3 Semester Credits

NPM5010 Theory and Practice of Nonprofit Management
This course introduces students to the critical aspects of managing and leading in a nonprofit organization. An overview of components of a nonprofit company’s operations (including human resources, resource development, marketing and communications) is presented. Students are expected to gain a foundational understanding of how nonprofit organizations function as social and organizational entities, and build upon this understanding in future courses in the program. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

NPM5020 Methodological, Decision-Making and Analytic Techniques
This course is designed to introduce students to techniques in problem articulation, assessing alternatives, gathering data, analyzing data and making decisions in the nonprofit sector. Students are introduced to how the decision-making process is accomplished in both the practice and study of nonprofit administration. The course presents an overview of how to select the appropriate method for a particular problem area, analyze the problem and arrive at an appropriate decision. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

NPM5030 Financial Management and Budgeting in Nonprofit Organizations
This course is an overview of the practice of budgeting and financial management in nonprofit organizations. It covers various budgetary processes, including how budgets are developed, implemented and enacted. The course also covers how budgeting and financial management fit in with the structure of nonprofit function and the impacts of budgeting on the overall organization. Students are expected to learn how to navigate the practical aspects of budgeting and finance through case studies and actual reports from nonprofits. (HY) (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

NPM5040 Program Evaluation
This course in program evaluation is designed to introduce students to practical methods of evaluating nonprofit programs. Emphasis is on currently used methods of program evaluation, using case studies to illustrate how theoretical methods are practically applied. Students are expected to gain an understanding of theoretical frameworks as well as practical qualitative and quantitative tools used to evaluate programs against standards of efficiency, equity and other goals. (HY) (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

NPM5050 Resource Development for Nonprofits
This course is designed to provide students with a working knowledge of resource development and management, including fundraising, donor management and volunteer management. Students are expected to gain an understanding of practical methods currently used to develop resources to be used in the capacity of nonprofit organizations. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits
NPMS5060 Social Entrepreneurship
This course provides students with a practical overview of developing a social entrepreneurship initiative within the nonprofit context. Students are expected to gain an understanding of different components and considerations in social entrepreneurship, including developing a business plan, articulating financial considerations and considering feasibility of the initiative. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

NPM6010 Public, Private and Nonprofit Collaboration
This course introduces students to the main concepts, ideas and theories of nonprofit collaboration with public and private organizations. Through the use of practical worksheets and cases, students are expected to gain insight into the structure, benefits and potential pitfalls of collaborative alliances. Further, students are expected to gain a working knowledge of how to plan for, manage and maintain collaborations with public agencies and private businesses. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

NPM6020 Personnel Deployment in Nonprofits
This course presents an overview of personnel deployment and management concepts and practices within the nonprofit sector. Students are expected to gain a practical and working understanding of the process supporting the management of human resources, including paid employees and volunteers. The course will also cover the role of collective bargaining within the nonprofit sector. (HY) (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

NPM6030 Ethics and Social Change
This course is an overview of the role of ethics in every aspect of the nonprofit organization. Students are expected to learn how to identify, analyze and solve common ethical issues and problems. The course covers how to identify, codify and implement ethical guidelines in a nonprofit context, as well as the role of the nonprofit manager as an ethical role model and agent of social change. (HY) (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

NPM6800 Strategic Planning and Leadership in Nonprofit Organizations
This course provides the opportunity for students to synthesize key concepts and learning from all other courses in the Nonprofit Management master's degree program. Each course in the program has presented an important aspect of managing and leading a nonprofit organization. In the capstone seminar, students are expected to use these diverse concepts they have learned in the program to demonstrate their critical analysis and thinking abilities in the final capstone project.
Prerequisite(s): 12 credits completed in Nonprofit Management (NPM) and/or Public Administration (PAD) courses 5000 level (or higher). (OL)
Offered at Online
3 Semester Credits

NUTR5100 Macronutrients in Human Nutrition
This course provides an in-depth study of the functional roles of macronutrients in the human body. Concepts discussed include structural properties of carbohydrates, proteins and lipids, as well as digestion, absorption and metabolism. Functions in the human body, physiological requirements throughout the lifespan and dietary sources are also examined in this course. (OL)
Offered at Online
3 Semester Credits

NUTR5200 Micronutrients in Human Nutrition
This course provides an in-depth study of the functional roles of micronutrients in the human body. Those concepts include digestion, absorption and metabolism; functions in the regulation of biochemical systems and structures; and functions in the promotion of health and prevention of disease throughout the lifecycle. Students also research health implications of varying amounts of micronutrients in the diet, interactions between micronutrients, and the role of supplementation. (OL)
Offered at Online
3 Semester Credits

NUTR5300 Nutrition for Health and Wellness
This course provides an in-depth examination of the various aspects of health and wellness. Students explore current and relevant principles of health and wellness, with emphasis on the relationship between nutrition and health, and nutrition and disease. The culmination of this course includes an opportunity for students to create a comprehensive wellness program that focuses on nutrition education and nutrition-related disease prevention. (OL)
Offered at Online
3 Semester Credits

NUTR5400 Nutrition for Athletic Performance
This course explores key biological and chemical principles that apply to the field of sports nutrition. Research, theories and best practices are critically examined through a comprehensive analysis of contemporary scientific findings and applied field studies. Students examine sports nutrition as it relates to established professional standards, sports nutrition care, and position statements from a variety of national and international professional organizations. Investigations focus on exercise physiology, body composition, training and conditioning, sport psychology, dietary supplementation, and information on banned substances from a variety of sports legislation agencies. This course challenges students to analyze their own personal fitness habits in relation to nutrient and energy balance factors in setting goals for improved personal outcomes and overall health. (OL)
Offered at Online
3 Semester Credits

NUTR5500 Nutritional Counseling and Education
This course provides an in-depth study of the effective methods for providing nutrition counseling and education to individuals and small groups. Theories of behavior change and the application of those theories to healthcare issues is investigated in detail. Additional topics of discussion include current theories and techniques of counseling and nutrition education; preparing, conducting and analyzing group nutrition education; and the impact of cultural diversity on counseling and education practices. (OL)
Offered at Online
3 Semester Credits

NUTR6100 Advanced Clinical Nutrition
This course provides an advanced examination of the relationship between nutrition and both acute and chronic clinical conditions. Concepts include the influence of nutrition on the prevention and treatment of diseases, as well as the effects of nutrition-related diseases on physiological functions in the body. The development and implementation of appropriate nutrition therapy for individuals are also examined.
Prerequisite(s): NUTR5100, NUTR5200. (OL)
Offered at Online
3 Semester Credits

NUTR6200 Grantsmanship and Publication
This course provides a comprehensive study of the techniques for nutrition-focused professional writing. Concepts include steps used in grant proposal writing, preparation of scientific manuscripts for publication, and strategies for producing effective written communications for a variety of media outlets and audiences. Students complete a grant proposal and write various nutrition-related articles during this course.
Prerequisite(s): RSCH5700. (OL)
Offered at Online
3 Semester Credits

NUTR6300 Nutrition for Athletic Performance
This course provides students with the opportunity to apply their nutrition knowledge and skills through the completion of a nutrition-related capstone project. This project may take different forms, depending on student interest. Students work with the course instructor to choose a topic that is relevant to the nutrition field and can be completed in the time constraints of the course. Evidence from the coursework and science-based principles are integrated into the proposal, including relevant nutrition principles, research and best practices.
Prerequisite(s): MATH5100, NUTR6200, RSCH5700. (OL)
Offered at Online
3 Semester Credits

NUTR6900 Nutrition Capstone
This course provides students with the opportunity to apply their nutrition knowledge and skills through the completion of a nutrition-related capstone project. This project may take different forms, depending on student interest. Students work with the course instructor to choose a topic that is relevant to the nutrition field and can be completed in the time constraints of the course. Evidence from the coursework and science-based principles are integrated into the proposal, including relevant nutrition principles, research and best practices.
Prerequisite(s): MATH5100, NUTR6200, RSCH5700. (OL)
Offered at Online
3 Semester Credits
OTD7010 Foundations of Occupational Therapy
This course provides students with the foundations of the occupational therapy profession including the history of occupational therapy, and the development of occupational therapy, philosophy, frames of reference, and theory. Emphasis is on understanding various theories, models and frames of reference and how social, political and economic factors continually influence practice.
Offered at Providence
3 Semester Credits

OTD7030 Human Occupations and Participation Across the Lifespan
This course explores the spectrum of occupations that influence health and independence of individuals throughout the lifespan through observation, communication, analytical and reflective skills. This course stresses normal occupational development and participation. It looks at what occupation means and the role occupations play in participation in the daily lives of individuals. It involves exploration of the impact of culture, environment, context, gender and age upon occupation, occupational performance and participation.
Offered at Providence
3 Semester Credits

OTD7060 Occupational Perspective on Health
This course introduces students to language and models of disability and situates occupational therapy in global perspectives on health through the International Classification of Function (ICF). This course covers the power of occupation and participation, health disparities and health equity, social determinants of health, culture, spirituality, and the role of occupation in individual and population health.
Prerequisite(s): OTD7210, OTD7260, OTD8240, OTD8320.
Offered at Providence
3 Semester Credits

OTD7070 Introduction to Fieldwork
This course prepares students for fieldwork placements through a series of guided learning experiences. Students complete documentation and tasks required for Level I and II fieldwork experiences. This course also prepares students to reflect on their professional behaviors and to understand how fieldwork is an integral and unique portion of occupational therapy education.
Prerequisite(s): OTD7010, OTD7030, OTD7170, OTD7190.
Offered at Providence
1 Semester Credit

OTD7100 Evidence Based Practice
This course expands student knowledge of principles of evidence-based practice and policy, practice guidelines, and information utilization to promote evidence-based practice in clinical practice, education, research and advocacy. In this course, students explore, build knowledge of, and apply the concepts underlying evidence-based practice and the skills necessary to incorporate evidence to support and/or justify clinical practice, education, research and advocacy. Content addresses defining evidence-based practice, finding the evidence, assessing the evidence and using the evidence in occupation-based practice. This course emphasizes incorporating evidence-based practice and occupation-based practice into students’ current occupational therapy practice and developing creative methods to teach and advocate for evidence-based practice. (OL)
Offered at Providence
3 Semester Credits

OTD7110 Kinesiology
This course begins the process of applying the theory of human kinetics to human movement. The course includes movement analysis, hands-on assessment and training of movement of muscles and muscle groups, assessment of posture and the impact on coordination and balance in assisting clients to move from surface to surface, proper body mechanics, ergonomics and an introduction to gait analysis. Labs provide an opportunity to use the information presented in class in a dynamic and interactive way.
Prerequisite(s): OTD7010, OTD7030, OTD7170, OTD7190.
Offered at Providence
4 Semester Credits

OTD7130 Occupational Therapy Assessment and Theory Across the Lifespan
Students learn the role of theory in the development of assessments and how this theory can be utilized to frame selection of assessments and intervention techniques that follow. Occupational performance contexts found within the Occupational Therapy Practice Framework are utilized to emphasize the role of the occupational therapist in both standardized and non-standardized formats. Students learn the process of data collection, scoring, and interpretation of evaluation tools in order to develop appropriate treatment and discharge planning strategies across the lifespan. This course prepares the student to evaluate quality of tools and to understand how to select intervention tools within practice settings.
Prerequisite(s): OTD7010, OTD7030, OTD7170, OTD7190.
Offered at Providence
3 Semester Credits

OTD7150 Application of Theory
In this course, the learner chooses and shares knowledge of published, practice-specific occupational therapy theories and critiques the assumptions and outcomes, based on evidence based practice. Students compare and contrast theoretical perspectives and apply them to occupational therapy assessment and treatment planning for clients with a variety of occupational needs. The overarching theme of the course is the importance of the context of occupation in practice and educational settings, with a focus on promotion of health and well-being as well as on the prevention of disease and disability.
Offered at Online
3 Semester Credits

OTD7160 Human Conditions I
This course examines conditions of the musculoskeletal, connective tissue, endocrine, gastrointestinal, renal, auditory, visual and cardiopulmonary systems as they relate to people's ability to move within, sense and respond to their physical and social environments. Students examine the impact of these conditions on occupational performance and quality of life. Students learn the signs and symptoms of conditions, how they are managed medically, and how they can be prevented. They explore the scientific evidence regarding genetic, biologic, traumatic and social causes of the conditions.
Prerequisite(s): OTD7010, OTD7030, OTD7170, OTD7190.
Offered at Providence
3 Semester Credits

OTD7170 Occupational Performance and Participation in Groups
This course allows students to understand, analyze and apply dyadic, group and team dynamics and therapeutic group process skills. Students learn about the role of occupational therapy within groups, while building upon the concept of therapeutic use of self. Topics include communication skills, conflict resolution, group process, group leadership, choosing developmentally appropriate group activities, assessing the effectiveness of the group process, and using behavioral management strategies. Labs engage students in real-time group development and process experiences that build in knowledge and complexity throughout the semester.
Offered at Providence
3 Semester Credits

OTD7190 Research I
In this first course of the research courses, Effective Solutions thread, students learn to acquire basic knowledge of the principles of research in healthcare. In this course, students learn to appreciate research in occupational therapy. They read and interpret research articles and locate and critically appraise peer-reviewed literature. Students review statistical terms and analysis and begin to use evidence-based literature. Students look at the ethics of research and create an annotated bibliography on a topic relevant to occupational therapy.
Offered at Providence
3 Semester Credits
OTD7200 Policy and Ethics
This course is designed to introduce students to topics that involve ethical issues in decision-making for health and clinical education issues. Students are exposed to a variety of issues in healthcare and education settings. Scenarios are used to engage students in problem solving and articulating what occurs during ethical trade-offs before decisions are made. Topics include issues of conflict with values held by some stakeholders or members of the public; political and social circumstances; and when to impose restrictions on the freedom of individuals to protect the health of the community and the duties and obligations owed by citizens to the wider community. Students participate in political advocacy through a state or national level initiative that affects or shapes policy and has an impact on the community or population that is the focus of their doctoral concentration (higher education or clinical practice). (OL)
Offered at Online
3 Semester Credits

OTD7210 Neuroscience
This course presents students with the study of the structure and function of the central, peripheral and autonomic nervous system. Lab gives students opportunities to explore the anatomy of the head and neck, brain, spinal cord and peripheral nerves. Lectures and laboratory experiences integrate the physiological and neurological components of the course to provide students with an opportunity to use clinical reasoning to explain the relationship of the neurological structures and system to occupational performance.
Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220.
Offered at Providence
4 Semester Credits

OTD7260 Human Conditions II
This course is a continuation of Human Conditions I. It focuses on conditions in motor, sensory, cognitive, interpersonal, self-care, productivity, and leisure areas that may be the result of neurological, genetic, developmental, sensory dysfunction and mental health conditions. Students examine the impact of these conditions on occupational performance and participation. Students learn the signs and symptoms of conditions, how they are managed medically, and how they can be prevented. Students learn how these conditions contribute to disruption in occupational performance.
Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220.
Offered at Providence
3 Semester Credits

OTD7400 Clinical Professional Seminar
This course is a course of knowledge synthesis and application of OT Clinical specialty practice and not of instruction. This program is designed to teach students new knowledge identification, reflection and transformation of the topic into leadership in clinical practice in OT. In this course, students synthesize what they have learned throughout the program, reflect on that knowledge and apply it to an Advanced Clinical OT scholarly project. This first seminar course is dedicated to identification of the area of interest for their culminating capstone topic and refinement of the topic area for their doctoral concentration in Advanced Clinical Practice in OT. (OL)
Offered at Online
1 Semester Credit

OTD7450 Education Professional Seminar
This is a course of knowledge synthesis and application of higher education topics (instead of instruction). Students are taught new pedagogical knowledge identification, reflection and transformation of the topic of their OTD project into leadership in education. In this course, students synthesize what they have learned throughout the program specifically with reference to OT education, reflect on that knowledge, and apply it to a scholarly project (within the domain of the scholarship of teaching and learning). This first seminar course is dedicated to identification of the area of interest for their culminating capstone topic, and refinement of the topic area for their doctoral concentration in OT higher education. (OL)
Offered at Online
1 Semester Credit

OTD7500 Clinical Doctoral Seminar I
The doctoral-level seminars in occupational therapy are core courses designed to provide the OTD student with a firm foundation in the role of occupational therapy in their specific area of Advanced Clinical Practice or Leadership interest. Students work with a mentor to combine interests with a doctoral project that will be an outcome of learning upon the completion of their OTD degree. The projects may vary in focus depending on the student’s chosen area of clinical specialization, or sub-specialization. The culminating project of the first doctoral seminar is a doctoral project application that delineates the plan for the doctoral experience and deliverables associated with the plan. (OL)
Offered at Online
2 Semester Credits

OTD7550 Education Doctoral Seminar I
The doctoral-level seminars in occupational therapy are core courses designed to provide the OTD student with a firm foundation in the role of occupational therapy in a specific area of OT higher education interest. Students work with a mentor to combine capstone interests with a doctoral project that will be an outcome of learning upon the completion of their OTD degree. The projects may vary in focus depending on the student’s chosen area of OT Higher education. The culminating project of the first doctoral seminar is a doctoral project application that delineates the plan for the doctoral experience and deliverables associated with the plan. (OL)
Offered at Online
2 Semester Credits

OTD8100 Teaching In Occupational Therapy
This course focuses on the theories and educational approaches utilized in clinical and classroom settings in occupational therapy. Students read a variety of learning theories and discuss how each relates to current students in practice and higher education settings in the field. Bloom’s Taxonomy of Educational Objectives and Boyer’s model of scholarship are introduced. Students review educational research in health settings and pedagogical trends. Students are able to develop educational models inclusive of interprofessional (with traditional and non-traditional partners) and intraprofessional education (with multiple education and practice levels of OT practitioners). Strategies are presented, discussed and included in course designs that each student develops throughout the semester. Students identify how the strategies they choose to teach reflect Boyer’s model and how outcomes in teaching approaches can be measured. Specific to the field, students also review the ACCTE, WFOT and regional accreditation standards that apply to their practice and education standards in specific settings. During the course, students develop a syllabus and lesson plans, assignments and rubrics for a course in their chosen area of clinical or education specialization. (OL)
Offered at Online
3 Semester Credits

OTD8130 Introduction to Capstone I
In the first of two courses to prepare students for the doctoral capstone, students complete two competencies. There are four total capstone competencies that students must finish in the two courses. The competencies for Capstone I are: 1) to prepare an initial literature review to define the doctoral capstone topic, synthesize the findings of the literature review, and develop a plan to execute the doctoral capstone, and 2) to prepare a written and graphic model of the capstone topic and the theoretical framework used to address the problem/issue. The required competencies in the two capstone courses are intended to become sequentially more detailed in their scope and must be completed before beginning the doctoral capstone.
Prerequisite(s): OTD7210, OTD7260, OTD8240, OTD8320.
Offered at Providence
1 Semester Credit

OTD8140 Healthcare Systems and Policy
In this course, students learn the various systems in which occupational therapists work and the payment, reimbursement and other policies that affect practice in different settings. Students gain knowledge and experience on how to address the needs of a variety of stakeholder groups, including regulators, payers and legislators. Students gain new knowledge about how they can affect and create policy and the mechanisms of change in health systems based on policy change.
Prerequisite(s): OTD7210, OTD7260, OTD8240, OTD8320.
Offered at Providence
3 Semester Credits
OTD8200 Mixed Methods and Translational Research in Occupational Therapy
In this course, students examine processes for critical thinking and contextual problem-solving to improve their understanding and evaluation of clinical practice information while using research tools. This course builds upon the student's entry-level knowledge of the research process, which should have included preliminary data-gathering techniques to problem identification and hypothesis development, data collection and analysis. The course broadens the research lens and provides knowledge and experience with mixed-method research design and translational research design that can be used in clinical, education or diverse practice settings. Particular attention is given to the student's perspective of the applicability of research to the student's own career and practice setting(s), or development of novel practice. Students develop their individual plans for the research methods to support their proposals for their doctoral experience. (OL)
Offered at Online
3 Semester Credits

OTD8210 Management and Entrepreneurship
Students learn skills required to assume managerial and entrepreneurial roles in occupational therapy practice in today and tomorrow's healthcare, education and community systems. They also learn about ethics in practice, future trends in practice, developing a business plan, private practice, grant writing, developing new programs, and program evaluation. The major project of this course is to plan a new, grant-funded, community-based/community-built program.
Prerequisite(s): OTD7060, OTD8130, OTD8140, OTD8250.
Offered at Providence
3 Semester Credits

OTD8220 Research II
This is the second course in the three-course sequence in research. In this course students build on what they have learned in Research I. They complete an annotated bibliography, prepare a research proposal and an institutional review board (IRB) proposal, and expand the annotated bibliography into a literature review and ultimately, a systematic review on the research question they have identified in Research I.
Prerequisite(s): OTD7010, OTD7030, OTD7170, OTD7190.
Offered at Providence
3 Semester Credits

OTD8230 Introduction to Capstone II
In the second of two courses to prepare students for the doctoral capstone, students complete two competencies. There are four total capstone competencies that students must finish in the two courses. The competencies for Capstone II are: 1) to write an evaluative summary of the literature and methods that have been applied to address the capstone topic, and 2) to develop a thorough and detailed description of the proposed capstone project program or research.
Prerequisite(s): OTD7060, OTD8130, OTD8140, OTD8250.
Offered at Providence
1 Semester Credit

OTD8240 Occupational Therapy Practice I
This course presents the occupational therapy process for people with mental illness or disorders in the psychosocial realm with an emphasis on evidence-based practice. Students apply theory to practice with people in various psychosocial practice settings. Students select and apply appropriate frames of reference for use with case studies that are presented via various media. Students learn safety skills specific to mental health settings and learn the importance of team approaches in this practice area. The course also includes a lab and level I fieldwork experience which places the students in a setting that emphasizes psychosocial practice for 30 hours. Additionally, there are 15 hours of instructor-led simulation activities to assist in preparation of clinical and professional behaviors expected of a practitioner. Lab, simulation and fieldwork allow students to practice skills and documentation from evaluation to discharge planning.
Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220.
Offered at Providence
6 Semester Credits

OTD8250 Occupational Therapy Practice II
This course presents the occupational therapy process for adults with primarily physical, cognitive and perceptual disorders with an emphasis on evidence-based practice. Students apply theory to practice with adults in various contexts. Students select and apply appropriate frames of reference to cases presented via various media. Students learn safety skills specific to physical disabilities settings and learn the importance of team approaches in this practice area. Students further refine skills related to safety, clinical reasoning, therapeutic use of self and intra-and interprofessional communication presented in the previous occupational therapy practice course. In addition to lecture this course includes a lab and level I fieldwork experience which places the students in a setting that emphasizes adult rehabilitation practice for 30 hours. Additionally, there are 15 hours of instructor-led simulation activities to assist in development of clinical and professional behaviors expected of a practitioner. Lab, simulation and fieldwork allow students to practice skills and documentation from evaluation to discharge planning.
Prerequisite(s): OTD7210, OTD7260, OTD8240, OTD8320.
Offered at Providence
6 Semester Credits

OTD8260 Technology and Innovation in Occupational Therapy
This course provides instruction on the use of technology and its applications to support inclusive and meaningful participation of individuals with disabilities in all settings. Students apply concepts of assistive technology to create devices and utilize services that provide alternatives for physical and sensory access, communication, and learning. Students create adapted items using a 3D printer, build adaptive equipment, and modify environments through use of smart technology and other contemporary tools. Students identify barriers and potential solutions based on various case studies and real life examples.
Prerequisite(s): OTD7060, OTD8130, OTD8140, OTD8250.
Offered at Providence
4 Semester Credits

OTD8290 Professional Practice I
This course prepares students for their level II fieldwork placements through a series of learning experiences required prior to level II fieldwork. This course incorporates mandatory training for fieldwork including CPR, fire and electrical safety, and HIPAA.
Prerequisite(s): OTD8120, OTD8140, OTD8160, Corequisite: OTD8210, OTD8220, OTD8240, OTD8250.
Offered at Providence
3 Semester Credits

OTD8310 Leadership and Advocacy
Students consider the role of the occupational therapist as a leader in areas of health promotion, prevention of disease and dysfunction, care coordination, case management, transition services, fieldwork and more. Management of others and collaboration with other health professionals, including occupational therapy assistants, is emphasized. The course also explores advocacy initiatives and leadership roles within and outside of the profession of occupational therapy at the local, state and national levels. Students use knowledge gained in this course to become active leaders and advocates of occupational therapy services in traditional and emerging practice areas.
Prerequisite(s): OTD7060, OTD8130, OTD8140, OTD8250.
Offered at Providence
1 Semester Credit

OTD8320 Research III
This is the third course in the three-course sequence in research. In this course students build on what they have learned in Research I and Research II. They complete a grant portfolio, conference request for proposals, and a publication-ready systematic review on their research topic. They also prepare and present a critically appraised topic (CAT) at the JWUOTD Research Symposium at the conclusion of the course.
Prerequisite(s): OTD7070, OTD7110, OTD7130, OTD7160, OTD8220.
Offered at Providence
3 Semester Credits
**OTD8330 Theoretical and Clinical Reasoning in Context**
This course requires students to integrate knowledge gained from foundational, practice and research courses in order to design, plan and implement reflective intervention strategies for complex cases. Students learn the nature of clinical and professional reasoning, types of reasoning, and how they may be used in practice. Theory behind assessment and intervention is revisited in such a way to challenge students’ thought processes and prepare them for the practice environment. Case studies, videos and other real-life experiences are used for the reflective processes involved in clinical and professional reasoning.
Prerequisite(s): OTD8210, OTD8230, OTD8260, OTD8310, OTD8360.
Offered at Providence
3 Semester Credits

**OTD8340 The Scholarship of Teaching and Learning**
This course teaches students about pedagogy and the art and science of teaching and learning in occupational therapy practice and education. The course prepares students to teach at multiple levels of education and application in the field. The processes of instructional design, approach to adult education, establishment of client education programs and becoming a fieldwork educator are included.
Prerequisite(s): OTD8210, OTD8230, OTD8260, OTD8310, OTD8360.
Offered at Providence
3 Semester Credits

**OTD8350 Contemporary Concepts in Occupational Therapy**
In this course, students examine the influence and relevance of contemporary concepts and issues associated with the six traditional American Occupational Therapy Association (AOTA) practice areas, as well as emerging practice areas that AOTA has identified. Students apply this knowledge to broaden their understanding of occupational therapy in the 21st century and of opportunities to showcase specialized occupational therapy skills. Students learn how the requirements for the National Board for Certification in Occupational Therapy (NBCOT) influence entering the profession and ongoing practice. State licensure requirements are also explored in this course. Culminating projects are a comprehensive compendium on contemporary practice in occupational therapy and a video presentation on a contemporary concept associated with occupational therapy and its relationship to the student’s doctoral capstone.
Prerequisite(s): OTD8210, OTD8230, OTD8260, OTD8310, OTD8360.
Offered at Providence
3 Semester Credits

**OTD8360 Occupational Therapy Practice III**
This course presents the occupational therapy process for older adults emphasizing evidence-based practice for individuals, groups and populations. Students apply theory to practice with older adults in various contexts. Students select and apply appropriate models of practice and frames of reference, especially those related to wellness and health promotion to cases presented via various media. Students examine wellness, health promotion, community-based practice, and multiple chronic conditions, and apply these principles to aging populations and individuals. Students refine skills related to safety, clinical reasoning, therapeutic use of self and intra- and interprofessional communication presented in the previous occupational therapy practice courses. In addition to lecture this course includes a lab and level I fieldwork experience which places the students in a setting that emphasizes older adult or community practice for 30 hours. Additionally, there are 15 hours of instructor-led simulation activities to further develop clinical and professional behaviors expected of a practitioner. Lab, simulation and fieldwork allow students to practice skills and documentation from evaluation to discharge planning.
Prerequisite(s): OTD7060, OTD8130, OTD8140, OTD8250.
Offered at Providence
6 Semester Credits

**OTD8370 Occupational Therapy Practice IV**
This course presents the occupational therapy process for pediatrics. Students utilize evidence and apply theory to practice with children in various contexts. Students develop skills in family education, team approach, and intra- and interprofessional interactions. Students further refine skills related to safety, clinical reasoning and therapeutic use of self presented in the previous occupational therapy practice courses. This course includes a lab and level I fieldwork experience, which places the students in a setting that exposes them to the pediatric population for 30 hours. Additionally, there are 15 hours of instructor-led simulation activities to assist in development of clinical and professional behaviors expected of a practitioner. Lab, simulation and fieldwork allow students to practice skills and documentation from evaluation to discharge planning.
Prerequisite(s): OTD8210, OTD8230, OTD8260, OTD8310, OTD8360.
Offered at Providence
6 Semester Credits

**OTD8400 Advanced Clinical Practice Practicum**
Students create practicum experiences for themselves to help discover the real environment of their doctoral project’s focus. This is done under the mentorship of a JWU faculty member as well as a site/specialization mentor. Practicum experiences may include shadowing one or more assigned employee(s) who will guide them through the on-site experience. Participation at the practicum site (physically or virtually, such as with telehealth/virtual software platforms or business platforms such as Skype) is typically two or three times per week for an hour or more per session. No remuneration is expected for a practicum, but it does qualify for academic credit. If a student is focused on changing an administrative or clinical practice approach, it is possible that the practicum could include virtual on-site experiences through a distance platform and should include participation in, for example, faculty meetings or planning meetings at the site where the student is engaging in the practicum. (OL)
Offered at Online
4 Semester Credits

**OTD8450 Higher Education Practicum**
This course provides students the opportunity to create practicum experiences to help with the discovery of the real environment of the focus for a doctoral project. This is done under the mentorship of a faculty member and site/specialization mentor. Practicum experiences may include shadowing 1 or more assigned employee(s) who will guide them through the on-site experience. Participation at the practicum site (physically or virtually, such as with telehealth/virtual software platforms or business platforms such as Skype) is typically 2–3 times per week for an hour or more per session. No remuneration is expected for a practicum, but it does qualify for academic credit. If a student is focused on teaching, it is possible that the practicum could include virtual on-site experiences through a distance platform and should include participation in, for example, faculty meetings or planning meetings at the site where the student is engaging in the practicum. (OL)
Offered at Online
4 Semester Credits

**OTD8500 Doctoral Seminar II for Advanced Clinical Practice**
Students work independently, but will regularly and systematically submit progress on their doctoral experience to their mentor and faculty adviser. (Deadlines will be established). The student and mentor/faculty adviser will meet electronically or by phone to discuss the project and progress at regular intervals throughout the course. The culminating project of the second doctoral seminar is completion of the doctoral project. Students conceptualize and prepare at least one paper for publication in a peer reviewed journal and submit a draft of a presentation for submission to a peer reviewed venue in order to disseminate the outcome of doctoral work to a national or international platform.
Prerequisite(s): OTD7400, OTD7500. (OL)
Offered at Online
2 Semester Credits
OTD8550 Doctoral Seminar II for Higher Education
This course provides students the opportunity to work independently while regularly and systematically submitting progress on a doctoral project to their mentor and faculty advisor. Deadlines are established. The student and mentor/faculty advisor meet electronically or by phone to discuss the project and progress at regular intervals throughout the course. The culminating project of the second doctoral seminar is completion of the doctoral project. Students conceptualize and prepare at least 1 paper for publication in a peer-reviewed journal and submit a draft of a presentation for submission to a peer-reviewed venue in order to disseminate the outcome of their doctoral work to a national or international platform.
Prerequisite(s): OTD7450, OTD7550. (OL)
Offered at Online
2 Semester Credits

OTD8600 Effective Leadership and Management for Advanced Clinical Practice
This course draws upon a variety of research-based theories and applications that are core to the study of management and leadership. Theoretical paradigms of motivation are discussed and applied to communication methods and styles, decision making, risk taking, team building, conflict resolution, negotiation, diversity and inclusion. Leadership styles, leadership styles and roles are examined in the context of ethics, power and social responsibility. Students develop individual leadership plans and goals and work with a mentor toward an individual, self-directed growth plan to implement in their own work and practice settings.
Prerequisite(s): OTD7100, OTD7150, OTD7200, OTD7400, OTD7500. (OL)
Offered at Online
3 Semester Credits

OTD8650 Effective Leadership and Management for Higher Education
This course draws upon a variety of research-based theories and applications that are core to the study of management and leadership in higher education. Strategies for career progression and process in higher education settings are included. Theoretical paradigms of motivation are discussed and applied to communication and styles, decision making, risk taking, team building, conflict resolution, negotiation, diversity and inclusion. Leadership styles, leadership styles and roles are examined in the context of ethics, power and social responsibility. Students develop individual leadership plans and goals and work with a mentor toward an individual, self-directed growth plan to implement in their own higher education work settings.
Prerequisite(s): OTD7100, OTD7150, OTD7200, OTD7450, OTD7500. (OL)
Offered at Online
3 Semester Credits

OTD8800 Capstone in Advanced Clinical Practice
This course, a continuation of the capstone project, is a course of knowledge synthesis and application and not of instruction. This program is designed to teach students new knowledge identification, reflection and transformation of the topic into leadership in advanced clinical practice in occupational therapy. In this capstone course, students synthesize what they have learned throughout the program, reflect on that knowledge, and complete a scholarly project. Students complete their capstone project under the supervision of their capstone mentor. At the end of 2 semesters, students present their capstone projects in an online capstone symposium. The paper completed in this course should be publication and presentation ready. Students submit work for publication consideration to scholarly journals and to professional venues where work can be presented. Students work toward a submission of at least 1 paper for publication in a peer-reviewed journal. Students also prepare and submit a presentation to disseminate the outcome of their doctoral work to a national or international peer-reviewed platform.
Prerequisite(s): OTD7400, OTD7500. (OL)
Offered at Online
3 Semester Credits

OTD8850 Capstone in Higher Education
This course is a continuation of the capstone project. Emphasis is on knowledge synthesis and application, not instruction. Students learn new knowledge identification, reflection and transformation of the topic into leadership in occupational therapy higher education. In this capstone course, students synthesize what they have learned throughout the program, reflect on that knowledge, and complete a scholarly project. Students complete a capstone project under the supervision of a capstone mentor. At the end of 2 semesters, students present capstone projects in an online capstone symposium. The paper completed in this course should be publication and presentation ready. Students submit work for publication consideration to scholarly journals and professional venues where work can be presented. Students work toward a submission of at least 1 paper for publication in a peer-reviewed journal. Students also prepare and submit a presentation to disseminate the outcome of their doctoral work to a national or international peer-reviewed platform.
Prerequisite(s): OTD7450, OTD7550. (OL)
Offered at Online
3 Semester Credits

OTD9100 Writing For Publication in Occupational Therapy
This course guides the doctoral student through the process of writing for publication. Students work through a series of drafts they wish to develop into a manuscript to submit for publication. Each student is assigned to a mentor throughout the course. Students work independently with a faculty member and 1–2 additional students in an individual cluster (that is specific to their doctoral concentration) to develop and review manuscripts and refine their knowledge and assumptions. Students also work on refining their writing style to be compliant with APA style and format (or the style and format required by the intended journal for publication, if APA is not the normal style method). Students peer review other students’ manuscripts in their cluster. Electronic/virtual chats with experts in the field may be available to students. Electronic/virtual chats are also available to collaborate with classmates for peer reviews. Students primarily use virtual classroom discussion board interactions to share resources and ideas.
Prerequisite(s): All 7000 and 8000 level coursework. (OL)
Offered at Online
3 Semester Credits

OTD9200 Occupational Therapy Doctorate Independent Study
This course offers the opportunity for doctor of occupational therapy students to become involved in a specific topic or specialized course of study under the direction and guidance of a faculty member in lieu of a portion of the practicum requirements of the OTD program. Students may choose to 1) pursue, in depth, an area covered more generally in the curriculum; 2) explore a topic not normally covered in the curriculum; 3) provide occupational therapy services to diverse and under-served populations; or 4) assist with or conduct original problem-oriented or technique-based research in an occupational therapy area of interest. This study may be in any occupational therapy-related area or practice. In all cases, it is the student’s responsibility to fully identify the topic and to acquire enough information to ensure its worthiness for independent study.
Prerequisite(s): All 7000 and 8000 level coursework. (OL)
Offered at Online
3 Semester Credits

OTD9810 Level IIA Fieldwork
Level II Fieldwork is a 12-week, full-time placement in a setting that allows for experiential learning under the direction of a licensed occupational therapist. Students develop entry-level competence by working directly with clients who receive occupational therapy. The student contributes in the evaluation process, planning and implementing treatment programs, communicating effectively, and developing professional relationships. Students work under the supervision of an OTR who meets criteria as a fieldwork educator as defined by the Accreditation Council for Occupational Therapy (ACOTE). The academic fieldwork coordinator selects the practice environments in collaboration with community partners and students. While Level IIA and Level III Fieldwork experiences are sequential, they both offer students entry-level exposure to a different area of occupational therapy practice. Opportunities to engage in research or an emerging practice environment may be offered for either of the Level II Fieldwork courses.
Prerequisite(s): OTD8330, OTD8340, OTD8350, OTD8370.
Offered at Providence
9 Semester Credits
OTD9860 Level IIB Fieldwork
Level II Fieldwork is a 12-week, full-time placement in a setting that allows for experiential learning under the direction of a licensed occupational therapist. Students develop entry-level competence by working directly with clients who receive occupational therapy. The student contributes to the evaluation process, planning and implementing treatment programs, communicating effectively, and developing professional relationships. Students work under the supervision of an OTR who meets criteria as a fieldwork educator as defined by the Accreditation Council for Occupational Therapy (ACOTE). The academic fieldwork coordinator selects the practice environments in collaboration with community partners and students. While Level IIA and Level IIB Fieldwork experiences are sequential, they both offer students entry-level exposure to a different area of occupational therapy practice. Opportunities to engage in research or an emerging practice environment may be offered for either of the Level II Fieldwork courses.
Prerequisite(s): OTD9860.
Offered at Providence
3 Semester Credits

OTD9910 Doctoral Capstone Project
In this course, students apply advanced knowledge to practice by integrating the doctoral capstone experiential learning and activities into a culminating doctoral capstone project. The capstone project demonstrates a synthesis of new, advanced knowledge learned in the program, the transformation of students’ views of the world of occupational therapy, and how it fits within the broader world and the expected outcomes of the program, in order to develop advanced skills beyond a generalist level. The doctoral capstone project addresses one of the following: Scholarship of Discovery; Scholarship of Integration; Scholarship of Application, Practice or Engagement; or Scholarship of Teaching and Learning. Students at a minimum present their doctoral capstone projects at a JWU OTD Research Symposium.
Prerequisite(s): OTD9860, Corequisite: OTD9920.
Offered at Providence
3 Semester Credits

OTD9920 Doctoral Capstone Experience
Students participate in a pre-approved 14-week, full-time doctoral capstone experience, which focuses on clinical practice skills, research skills, administration, leadership, program and policy development, advocacy, education, or theory development.
Prerequisite(s): OTD9860, Corequisite: OTD9910.
Offered at Providence
10 Semester Credits

PAD5200 Public Administration and Governance
This graduate-level course provides a general overview and introduces key concepts related to the field of public administration. It assumes no prior knowledge of the subject matter and addresses relevant topics from the standpoint of institutional framework while emphasizing practicality and real-world application of material. The course prepares students for more subject-specific courses and promotes further study and inquiry within the discipline.
(OL)
Offered at Online
3 Semester Credits

PAD6200 Public Personnel Administration
This graduate-level course provides an overview of human resources/personnel practices that are necessary for the effective and efficient operations of public sector organizations. The course addresses and discusses the unique attributes of public personnel systems as well as concepts related to personnel recruitment, evaluation and compensation. Diversity concerns and labor relations are also discussed at length. The course is suitable for public administration generalists as well as those interested in pursuing further coursework and training in personnel management.
(OL)
Offered at Online
3 Semester Credits

PAD6400 Public Policy Analysis
This course focuses on the analysis of important microeconomic principles and the application of those principles to public policy development and analysis processes. Throughout the course, students discuss various applied economic models and formulas to better understand considerations and processes that are vital in assessing the viability of policy suggestions and alternatives. Students also work through problem sets in linking general economic concepts with public sector utilization.
Offered at Online
3 Semester Credits

PAD6710 Counterterrorism
This course assesses the history, evolution, strategies, techniques/tools, and contemporary issues related to counterterrorism in the world today. It examines both U.S. counterterrorism methods as well as the various contexts in which those methods are identified and employed. In addition, the course critiques the ethical considerations of current counterterrorism methods. Students gain a comprehensive knowledge of the historical implications of, and methodology behind, contemporary terrorist threats and appropriate counterterrorism responses. With this information, students prepare a counterterrorism strategy to mitigate a current terrorist threat to U.S. interests.
Offered at Online
3 Semester Credits

PAD6730 Emergency Management and Planning
This course offers a comprehensive overview of the knowledge, skills and abilities required for the preparation, mitigation and response to natural/manmade disasters and terrorism in the U.S. It provides detailed instruction on incident management and addresses direction, control and communication challenges between agencies and across all levels of government. Students develop a thorough understanding of emergency management and planning, apply that knowledge to critique an existing Comprehensive Emergency Management Plan (CEMP) and recommend amendments to improve that plan.
Offered at Online
3 Semester Credits

PAD6750 Homeland Security
This course examines homeland security and its influence on domestic policy. It surveys the principal actors engaged in the homeland security enterprise and describes the evolution of institutions, networks and inter-agency relationships that have emerged to accomplish homeland security missions and functions. Students develop a comprehensive understanding of the complete homeland security initiative and apply that knowledge in a proposal for an inter-agency response to a terrorist or natural disaster.
Offered at Online
3 Semester Credits

PASS5100 Applied Anatomy
This lecture and laboratory course covers the anatomy most relevant to clinical practice as a physician assistant through the use of prospection and dissection of human cadavers. The course proceeds through each of the body organ systems with presentations emphasizing normal and clinically relevant gross, regional and surface anatomy to include the musculoskeletal, neurologic, cardiovascular, respiratory, endocrine, gastrointestinal, renal and reproductive systems. This course complements, enhances and assists the student with integration of this information into the physical examination skills taught in the Patient Care I course. As part of this course, clinical correlations introduce the student to principles of radiologic imaging and laboratory studies to further recognize and evaluate normal anatomy, conditions and pathology. Applied Anatomy also serves to provide a foundation for the practical application of anatomical knowledge needed for the study and understanding of diseases which are taught in the Clinical Medicine I–IV courses and ultimately clinical practice.
Offered at Providence
3 Semester Credits
PASS200 Foundations of Medicine
This lecture-based course provides the foundation of the basic scientific concepts and principles needed for the study and treatment of diseases. It consists of five modules: Microbiology, Immunology, Genetics, Cell Physiology and Introduction to Pharmacology. The five modules of the course provide the molecular and cellular basis of diseases which is vital for understanding the mechanisms of disease pathogenesis. The cell physiology module presents the physiological fundamentals and processes at the human cellular and tissue level necessary for understanding disease processes and drug metabolism. The genetics module presents the basic concepts and principles of genetics, the basic architecture of the genome, mechanisms of disease related to genetic changes, and gene therapy, to build upon the role of genetics in disease risk, development and prevention. The microbiology and immunology modules introduce and explore the roles of bacteria, viruses and other infectious-disease-causing microorganisms in humans. The module covers useful diagnostic laboratory procedures and emphasizes the clinical significance of pathogenicity and therapy. The Introduction to Pharmacology module presents the basic scientific principles of pharmacology, pharmacokinetics, pharmacodynamics and biotransformation needed to understand the therapeutic uses and effects of drugs. The module provides an introduction of how to apply these principles to classes of drugs using prototype and common examples in each class.

Offered at Providence
2.5 Semester Credits

PASS325 Patient Care I
Patient Care I is a lecture- and laboratory-based course designed to teach the principles and techniques for obtaining, performing and documenting a comprehensive medical history and complete physical examination. Lectures focus on history taking skills including communication and interviewing skills and humanistic principles. The normal physiologic findings for each system of the body in addition to initial introduction to abnormal findings indicative of disease states are also presented. The laboratory sessions focus on developing, practicing and meeting a defined level of skill needed to competently perform both the medical interview and a complete head to toe physical examination. Instructional techniques include lecture, small and large group dynamics, practical experience and critiques of interviewing, communication and physical examination skills by peers and faculty.

Offered at Providence
4 Semester Credits

PASS344 Professional and Health Policy Issues I
Professional and Health Policy Issues (I–III) is a course which spans all three (3) first-year semesters. It is a lecture and small group course which focuses on practical principles related to medical ethics and professionalism, cultural awareness and bias, healthcare delivery and policy issues, behavior change principles, evidence-based medicine, food as medicine, the opioid epidemic and public health as they relate to the role and responsibilities of a physician assistant. Professional and Health Policy Issues I (PHP I) begins with an exploration of the program’s emphasis on humanism in medicine. It introduces the student to principles related to medical ethics and includes the AAPA Guidelines for Ethical Conduct for the Physician Assistant Profession. It comprises instruction and discussion related to the laws and regulations regarding professional practice. Students explore and evaluate their own and others’ cultural beliefs and values regarding health and illness, in order to understand the wide range of cultural differences and to navigate those differences comfortably for the best care of and relationship with the patient and significant others. As future providers within the U.S. health care system, students receive an overview of health care delivery systems. This course also covers the history and development of the physician assistant profession, its institutions, and current trends regarding legislation and regulations affecting PA practice. Finally, PHP I includes an introduction to the principles and practice of public health.

Offered at Providence
2.5 Semester Credits

PASS425 Patient Care II
This lecture and small group work based course is designed to provide the student with opportunities to use their previous and ongoing fund of knowledge and skills and apply those to case-based patient scenarios. It is designed to teach and foster sound clinical decision-making using evidence-based practices 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, patient education and counseling for common problems encountered in primary care practice. In addition, the course stresses practice and implementation of humanistic techniques and approaches. The cases presented correlates with the disease states covered in Clinical Medicine I & II, Diagnostic Skills I and Pharmacotherapeutics I.

Prerequisite(s): PASS100, PASS200, PASS325, PASS344.
Offered at Providence
3 Semester Credits

PASS454 Professional and Health Policy Issues II
Professional and Health Policy Issues (I–III) is a course which spans all three (3) first-year semesters. It is a lecture and small group course which focuses on practical principles related to medical ethics and professionalism, cultural awareness and bias, healthcare delivery and policy issues, behavior change principles, evidence-based medicine, food as medicine, the opioid epidemic and public health as they relate to the role and responsibilities of a physician assistant. Professional and Health Policy Issues II begins with an introduction to research, exploration of the evidence-based medicine process and clinical practice guidelines. The course continues to explore professional, legal and ethical issues from the physician assistant perspective through practical application. There is exposure to inter-professional practice through multiple inter-professional activities. The course continues to build on knowledge gained in PHP I regarding the U.S. health care system and its delivery. PHP II introduces the theory of behavior change and application to module(s) in Clinical Medicine I.

Prerequisite(s): PASS344.
Offered at Providence
2 Semester Credits

PASS464 Professional and Health Policy Issues III
Professional and Health Policy Issues (I–III) is a course which spans all three (3) first-year semesters. It is a lecture and small group course which focuses on practical principles related to medical ethics and professionalism, cultural awareness and bias, healthcare delivery and policy issues, behavior change principles, evidence-based medicine, food as medicine, the opioid epidemic and public health as they relate to the role and responsibilities of a physician assistant. Professional and Health Policy Issues III continues with topics such as the theory and practice of behavior change, integrative medicine, medical ethics, food as medicine, professional practice, health policy and public health issues, human sexuality and death and dying. Students continue to explore the process and application of evidence-based medicine through critical appraisal of the literature.

Prerequisite(s): PASS344, PASS454.
Offered at Providence
2.5 Semester Credits
PASS523 Clinical Medicine I
Clinical Medicine I (part of the series of courses Clinical Medicine I–IV) is a cornerstone course in the curriculum. This lecture-based course is designed to teach students the fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnosis and management of disease states and conditions commonly encountered in primary care practice. This course is coordinated with the Patient Care II, Diagnostic Skills I and Pharmacotherapeutics I courses, refining history taking and physical examination skills, differentiating between diagnostic tests, and identifying pharmacotherapeutic options. This organ-system, evidence-based course encompasses initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for students to develop and refine critical thinking skills in preparation for clinical practice. Organ systems covered in Clinical Medicine I include hematology, EENT (eye, ears, nose, throat), pulmonary, musculoskeletal and rheumatology.
Prerequisite(s): PASS100, PASS200, PASS325, PASS344.
Offered at Providence
4 Semester Credits

PASS533 Clinical Medicine II
Clinical Medicine II (part of the series of courses Clinical Medicine I–IV) is a cornerstone course in the curriculum. This lecture-based course is designed to teach students the fundamental principles in epidemiology, physiology, pathophysiology, clinical presentation, diagnosis and management of disease states and conditions commonly encountered in primary care practice. This course is coordinated with the Patient Care II, Diagnostic Skills I and Pharmacotherapeutics I courses, refining history taking and physical examination skills, differentiating between diagnostic tests, and identifying pharmacotherapeutic options in the management of the disease states and conditions. This organ-system, evidence-based course encompasses initial presentation through follow-up care with a humanistic approach to a patient-centered medical model throughout the lifespan. Lectures present the most common clinical conditions (acute and chronic) seen by primary care providers. In addition, the course incorporates patient education, health promotion and disease prevention, and provides opportunities for the student to develop and refine critical thinking skills in preparation for clinical practice. Organ systems covered in Clinical Medicine II include behavioral health, cardiology, dermatology and renal.
Prerequisite(s): PASS100, PASS200, PASS325, PASS344, PASS523.
Offered at Providence
4 Semester Credits

PASS560 Pharmacotherapeutics I
Pharmacotherapeutics I is the study of the therapeutic uses and effects of drugs. This lecture-based course introduces students to 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 runs concurrently with Clinical Medicine I and Clinical Medicine II courses and focuses on the therapeutics associated with disease states presented in those respective courses. This course presents a rational and evidence-based approach to the selection of prescribed medications, including medications used in the treatment of acute and chronic illnesses across the lifespan. Additionally, students learn mechanisms of drug action in different therapeutic classes, dosage forms and dose-response relationships, common side effects of prototypic drugs in each category, drug side effects, adverse reactions and interactions for the commonly prescribed medications in the diseases and conditions in Clinical Medicine I and II. This course also utilizes a case study format using patient scenarios to develop clinical pharmacotherapeutic knowledge. In addition, this course examines legal and professional issues in prescribing.
Prerequisite(s): PASS100, PASS200, PASS325, PASS344.
Offered at Providence
3 Semester Credits

PASS570 Pharmacotherapeutics II
Pharmacotherapeutics II builds on Pharmacotherapeutics I on the therapeutic uses and effects of drugs used in conditions, diseases and disease prevention. This lecture-based, small group and case study-based learning course introduces and refines student knowledge of general principles and concepts of pharmacotherapeutics, including drug selection, indications, contraindications, efficacy, potential toxicities, compliance, therapeutic monitoring, drug interactions and cost effectiveness. Pharmacotherapeutics II runs concurrently with Clinical Medicine III and Clinical Medicine IV courses and focuses on the therapeutics associated with conditions and diseases presented in those courses. Pharmacotherapeutics II provides an evidence-based approach to the selection and prescribing of medications used in the treatment of acute and chronic illnesses across the lifespan. The course also focuses on the application of pharmacotherapeutic principles in patient care situations with a focus on the mechanisms of action, dosage forms, dose-response relationships, common side effects, adverse reactions and interactions of commonly prescribed medications. In addition, this course examines legal and professional issues in prescribing medications across the lifespan.
Prerequisite(s): PASS100, PASS200, PASS425, PASS454, PASS523, PASS533, PASS560, PASS5620.
Offered at Providence
4 Semester Credits

PASS620 Diagnostic Skills I
This lecture, laboratory and 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 are presented. Normal and abnormal findings are also covered along with their correlation to the diseases. The content in this course is synchronized with organ systems and disease topics in the Clinical Medicine I and II courses. Evidence-based problem solving activities provide students opportunities to develop skills in selection and interpretation of diagnostic methods and findings, and apply those to the treatment and management decision-making process across the lifespan.
Prerequisite(s): PASS100, PASS200, PASS325, PASS344.
Offered at Providence
4.5 Semester Credits

PASS632 Diagnostic Skills II
This lecture, small group and laboratory-based course is designed to provide students with functional knowledge in clinical laboratory medicine, radiological imaging, screening instruments and other diagnostic modalities used for diagnosing, treating and managing patients. The course covers indications, limitations, benefits, potential risks and cost effectiveness of common and frequently used diagnostic modalities. The course content also includes normal and abnormal findings along with their correlation to disease and conditions commonly encountered in primary care across the lifespan. This course is synchronized with the organ systems, conditions and disease topics in the Clinical Medicine III and IV courses as well as Pharmacotherapeutics II. Evidence-based problem-solving activities provide students with the opportunity and practice needed to develop their skills in selection and interpretation of the diagnostic tests and findings, and to apply those to the treatment and management decision-making process.
Prerequisite(s): PASS100, PASS200, PASS425, PASS454, PASS523, PASS533, PASS560, PASS5620.
Offered at Providence
3 Semester Credits
PAS5643 Clinical Medicine III
Clinical Medicine III (part of the series of courses Clinical Medicine I–IV) is a cornerstone course in the curriculum. This lecture-based course series provides physician assistant students with instruction in epidemiology, physiology, pathophysiology and the clinical presentation of diseases commonly encountered in primary care medicine. It also includes 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 specialty referral. The course builds upon the knowledge attained in first and second semester PA Program courses and applies it to the recognition, evaluation, treatment and management of common clinical conditions and diseases in the following organ systems: urologic, neurologic, infectious diseases, gynecologic, obstetrics, endocrine and gastrointestinal/nutritional. Lectures present the most common clinical conditions (acute and chronic) seen by primary care providers. The course incorporates healthy lifestyle practices and preventive medicine to promote health and reduce the risk of patient illness, injury and premature death. Preventive measures include the identification of risks factors, disease screening, substance abuse, domestic violence, immunization against communicable diseases and promotion of safety practices. Where applicable, genetic mechanisms in health and disease are integrated into each system, including parameters used to determine appropriate genetic risk factors, need for genetic testing and referral to genetic counselors.
Prerequisite(s): PAS5100, PAS5200, PAS5325, PAS5344, PAS5425, PAS5454, PAS5523, PASS5533, PASS5560, PASS620.
Offered at Providence
5 Semester Credits

PAS5653 Clinical Medicine IV
Clinical Medicine IV (part of the series of courses Clinical Medicine I–IV) is a cornerstone course in the curriculum. This lecture-based course series provides physician assistant students with instruction in epidemiology, physiology, pathophysiology and the clinical presentation of diseases commonly encountered in primary care medicine. It also includes 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 specialty referral. The course builds upon the knowledge attained in first and second semester PA program courses and applies it to the recognition, evaluation, treatment and management of common clinical conditions and diseases in the following organ systems: pediatrics, geriatrics, surgery and emergency medicine. Lectures present the most common clinical conditions (acute and chronic) seen by primary care providers. The course incorporates healthy lifestyle practices and preventive medicine to promote health and reduce the risk of patient illness, injury and premature death. Preventive measures include the identification of risks factors, disease screening, substance abuse, domestic violence, immunization against communicable diseases and promotion of safety practices. Where applicable, genetic mechanisms in health and disease are integrated into each system, including parameters used to determine appropriate genetic risk factors, need for genetic testing and referral to genetic counselors.
Prerequisite(s): PAS5100, PAS5200, PASS5325, PASS5344, PASS5425, PASS5454, PASS5523, PASS5533, PASS5560, PASS5620, PASS643.
Offered at Providence
5 Semester Credits

PAS5735 Patient Care III
This lecture and small-group course is designed to provide the student with opportunities to use their previous and ongoing fund of knowledge and skills and apply them 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 and patient education of common problems encountered in primary care practice. In addition, this course stresses practice and implementation of humanistic techniques and approaches. The cases presented follow those disease states covered in Clinical Medicine III and IV, Diagnostic Skills II and Pharmacotherapeutics II.
Prerequisite(s): PAS5100, PAS5200, PAS5325, PASS5344, PASS5523, PASS5533, PASS5560, PASS5620, PASS5425, PASS5454.
Offered at Providence
7 Semester Credits

PAS6100 Introduction to Clinical Practice Course
This lecture- and laboratory-based course is designed as a transitional course to provide students with the needed skills to effectively navigate their learning and the clinical setting. The laboratory portion of this course teaches commonly utilized clinical procedures and skills which students perform while on rotations.
Prerequisite(s): PAS5100, PAS5200, PASS5325, PASS5344, PASS5425, PASS5454, PASS5464, PASS5523, PASS5533, PASS5560, PASS5570, PASS5620, PASS5630, PASS5643, PASS5653, PASS5725.
Offered at Providence
2 Semester Credits

PAS6200 Family Medicine Clinical Course
This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in family medicine. Students gain experience in the evaluation, treatment and management (including referral) of common diseases and conditions encountered in an outpatient family medicine setting emphasizing infant, child, adolescent, adult and geriatric patients. Students actively engage in applying medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of common problems encountered in ambulatory family medicine settings to include infant, child, adolescent, adult and geriatric patients. Students also work to incorporate a collaborative patient-centered, humanistic approach to the care of their patients.
Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).
Prerequisite(s): PAS5100, PAS5200, PASS5325, PASS5344, PASS5425, PASS5454, PASS5464, PASS5523, PASS5533, PASS5560, PASS5570, PASS5620, PASS5630, PASS5643, PASS5653, PASS5725, PASS6100.
Offered at Providence
4.5 Semester Credits

PAS6250 Internal Medicine Clinical Course
This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in internal medicine. Students gain experience in the prevention, diagnosis and treatment of adult and geriatric patients in either the ambulatory/outpatient or hospital/inpatient settings. Students actively engage in applying the medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of acute, chronic and emergent problems commonly encountered in the internal medicine outpatient and inpatient settings. Students also work to incorporate a collaborative patient-centered, humanistic approach to the care of patients. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).
Prerequisite(s): PAS5100, PASS5200, PASS5325, PASS5344, PASS5425, PASS5454, PASS5464, PASS5523, PASS5533, PASS5560, PASS5570, PASS5620, PASS5630, PASS5643, PASS5653, PASS5725, PASS6100.
Offered at Providence
4.5 Semester Credits

PAS6300 Pediatric Medicine Clinical Course
This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in pediatric care setting. Students actively engage in applying medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of common medical problems and issues encountered in pediatric medicine. Students also work to incorporate a collaborative patient-centered, humanistic approach to the care of pediatric patients. Students gain knowledge and experience in the efficient and effective evaluation, treatment and management (including referral) of common acute and chronic diseases and conditions encountered in the pediatric population to include infants, toddlers, children and adolescent patients as well as the assessment and evaluation of the well child and growth and development milestones across these age groups. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor's designee(s).
Prerequisite(s): PAS5100, PASS5200, PASS5325, PASS5344, PASS5425, PASS5454, PASS5464, PASS5523, PASS5533, PASS5560, PASS5570, PASS5620, PASS5630, PASS5643, PASS5653, PASS5725, PASS6100.
Offered at Providence
4.5 Semester Credits
PAS6350 Women’s Health Clinical Course
This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in women’s health. Students actively engage in applying the medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of common medical problems and issues encountered in women’s health. A collaborative patient-centered, humanistic approach as well as health promotion, disease prevention, patient education and counseling are incorporated in student encounters with patients. Students gain knowledge, experience and clinical skills needed to effectively recognize, manage and treat common acute, urgent, emergent and chronic diseases and conditions encountered in gynecology, obstetrics and prenatal care. Students also focus on routine women’s and prenatal healthcare maintenance and the changing health needs of women throughout their lifespan. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor’s designee(s).
Prerequisite(s): PASS100, PASS200, PASS325, PASS344, PASS425, PASS454, PASS464, PASS523, PASS533, PASS560, PASS570, PASS620, PASS630, PASS643, PASS653, PASS725, PASS6100.
Offered at Providence
4.5 Semester Credits

PAS6400 Emergency Medicine Clinical Course
This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in the emergency department setting. Students actively engage in applying medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of acute, urgent and emergent problems commonly encountered in emergency medicine. Students gain knowledge and experience in the rapid and methodical assessment, evaluation, stabilization and treatment of acutely ill, traumatic, urgent, life-threatening and/or emergent pediatric, adult and geriatric patient presentations and work as a member of the emergency department team. Students work under the supervision of a program-determined preceptor or the preceptor’s designee(s).
Prerequisite(s): PASS100, PASS200, PASS325, PASS344, PASS425, PASS454, PASS523, PASS533, PASS560, PASS570, PASS620, PASS630, PASS643, PASS653, PASS725, PASS6100.
Offered at Providence
4.5 Semester Credits

PAS6450 Behavioral and Mental Health Clinical Course
This five-week required clinical rotation for second-year PA students focuses on the role of the physician assistant in the behavioral/mental health setting. Students gain knowledge and experience toward the refinement of skills needed for the unique medical, physiological, behavioral and psychosocial components and issues common to the practice of psychiatry, behavioral and mental health. Students actively engage in applying the medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of common problems in patients with psychiatric, emotional and behavioral disturbances. Students work under the supervision of a program-determined licensed healthcare professional or the professional’s designee(s) and adapt the standard medical history, physical examination, diagnostic and treatment plans to the psychiatric patient. Students also work to incorporate a collaborative patient-centered, humanistic approach to the care of patients.
Prerequisite(s): PASS100, PASS200, PASS325, PASS344, PASS425, PASS454, PASS464, PASS523, PASS533, PASS560, PASS570, PASS620, PASS630, PASS643, PASS653, PASS725, PASS6100.
Offered at Providence
4.5 Semester Credits

PAS6500 Surgery Clinical Course
This five-week required clinical rotation for second-year PA students focuses on the evaluation, treatment and management of common emergent, urgent, acute and chronic surgical diseases and conditions encountered in adult and geriatric patients to include pre-operative, intra-operative and post-operative care and management. Students actively engage in applying the medical knowledge and clinical skills gained during the didactic year, along with continuing to develop clinical reasoning through evidence-based approaches to the evaluation and management of problems encountered in the inpatient surgical setting. In addition, students work to expand their knowledge of surgical care as well as their surgical skills through active participation and engagement as part of the surgical team both within the hospital and operating suite settings. Students work under the supervision of a physician preceptor or the preceptor's designee(s).
Prerequisite(s): PASS100, PASS200, PASS325, PASS344, PASS425, PASS454, PASS523, PASS533, PASS560, PASS570, PASS620, PASS630, PASS643, PASS653, PASS725, PASS6100.
Offered at Providence
4.5 Semester Credits

PAS6600 Clinical Elective Course I
Students are granted the opportunity to complete two five-week elective rotations designed to facilitate their ability to evaluate health-related problems encountered in an area of medical interest. It can include the choice to obtain additional experience in one or two of the core rotation disciplines or other medical specialties. Students actively engage in applying basic medical knowledge, demonstrating and continuing development of their clinical reasoning and communication skills to the evaluation, treatment and management of common diseases and conditions encountered within the discipline or medical specialty chosen. The experience enhances students’ understanding of the role of a physician assistant within their chosen elective as well as to the unique care needs of the patient population within this medical setting. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor’s designee(s).
Prerequisite(s): PASS100, PASS200, PASS325, PASS344, PASS425, PASS454, PASS464, PASS523, PASS533, PASS560, PASS570, PASS620, PASS630, PASS643, PASS653, PASS725, PASS6100.
Offered at Providence
4.5 Semester Credits

PAS6700 Clinical Elective Course II
Students are granted the opportunity to complete two five-week elective rotations designed to facilitate their ability to evaluate health-related problems encountered in an area of medical interest. It can include the choice to obtain additional experience in one or two of the core rotation disciplines or other medical specialties. Students actively engage in applying basic medical knowledge, demonstrating and continuing development of their clinical reasoning and communication skills to the evaluation, treatment and management of common diseases and conditions encountered within the discipline or medical specialty chosen. The experience enhances students’ understanding of the role of a physician assistant within the chosen elective as well as to the unique care needs of the patient population within this medical setting. Supervised clinical practice experiences occur under the supervision of a program-determined preceptor or the preceptor’s designee(s).
Prerequisite(s): PASS100, PASS200, PASS325, PASS344, PASS425, PASS454, PASS464, PASS523, PASS533, PASS560, PASS570, PASS620, PASS630, PASS643, PASS653, PASS725, PASS6100.
Offered at Providence
4.5 Semester Credits

PAS6800 Master’s Course
This course synthesizes learning from didactic coursework and supervised clinical practice experiences. Students participate in learning sessions that pertain to clinical medicine, patient care, and the transition to professional PA practice. Students also complete accreditation requirements for graduation, including a summative written examination, an Objective Structured Clinical Examination (OSCE), and an evidence-based medicine capstone project using research techniques.
Prerequisite(s): PASS100, PASS200, PASS325, PASS344, PASS425, PASS454, PASS464, PASS523, PASS533, PASS560, PASS570, PASS620, PASS630, PASS643, PASS653, PASS725, PASS6100.
Offered at Providence
1 Semester Credit
PHIL3015 History of Philosophy
This course is a survey of the development of Western philosophic thought. A clear sense is gained of the relative richness and poverty of philosophic interpretation of different periods. The thinking and works of outstanding philosophers of each period are considered, and the major schools of philosophic thought and their adherents are reviewed. Some of the major problems of philosophy are examined: appearance versus reality, determinism versus free will, knowledge and existence, body-mind relations, truth and error, good and evil, space and time, reality and what we can know. Prerequisite(s): ENGL1021 or ENGL1027. (OL) Offered at Online, Providence, Providence CE 3 Semester Credits

PHIL3020 Crisis and Controversy: A Critical Thinking Approach
This course encourages students to use critical thinking skills in order to make decisions, solve problems, develop new ideas, evaluate arguments and tolerate ambiguity while exploring complex social questions. Emphasis is on understanding the elements of reasoning, imposing criteria and intellectual standards upon reasoning, and assessing individual thinking processes. Students hone understanding of critical thinking skills by actively engaging in the study of social conflicts and controversies that operate at individual, communal and global levels. Prerequisite(s): ENGL1020 or ENGL1024 or English placement. Offered at Denver, North Miami, Providence, Providence CE 3 Semester Credits

PHIL3045 Honors Seminar: Ethics
This Honors Seminar examines central figures in the history of moral philosophy, such as Aristotle, Hobbes, Hume, Mill and Kant. While the primary focus will be on understanding these influential thinkers in their historical contexts and their distinctive approaches to ethics, we will also seek to show the relevance of their views to timeless questions. What is the best way to live? How do we distinguish good from evil? Should we be moral? We will discuss these thinkers’ answers to these questions, and apply those answers to contemporary moral discourse, including public policy, environmental issues and business ethics. Prerequisite(s): ENGL1024 or English placement, honors status. Offered at Charlotte, Denver, North Miami, Providence 3 Semester Credits

PHIL3240 Ethics: A Global Perspective
This course examines the basic principles of ethics and their philosophical foundations particularly as they apply to contemporary global issues. Students explore such important topics as business, labor conditions, war and refugee crises, gender and gender orientation inequality, environmental damage, and famine, poverty and the unequal distribution of wealth. Through the examination of philosophical texts and case studies, including case studies drawn from business organizations, students learn to identify ethical issues of global significance, analyze the causes of these problems, and propose practical, ethical solutions to these problems. Prerequisite(s): ENGL1020 or ENGL1024 or English placement. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

PHY1011 General Physics I
This course is the first in a two-part introductory physics course sequence using algebra-based approaches to analyze physical phenomena. Students are introduced to vector algebra and the basic principles of classical mechanics, applying the concepts of work, energy, linear momentum and angular momentum to physical phenomena. This course must be taken concurrently with General Physics I Laboratory. Prerequisite(s): MATH1020 (or concurrent) or math placement, Corequisite: PHY1016. (OL) Offered at Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

PHY1016 General Physics I Laboratory
This is an introductory algebra- and inquiry-based physics laboratory course coordinated with PHY1011 General Physics I. Small teams of students work together to solve practical Newtonian physics problems by conducting a sequence of observations and tests. Students are responsible for developing their own experiments and task assignments as they work within collaborative team structures, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, vector algebra, kinematics, conservation of energy, momentum and rotational motion. Prerequisite(s): MATH1020 (or concurrent) or math placement, Corequisite: PHY1011. (OL) Offered at Denver, North Miami, Online, Providence, Providence CE 1 Semester Credit

PHY1022 General Physics II
This course is the second in a two-part introductory physics course sequence using algebra-based mathematical approaches to analyze physical phenomena. Students are introduced to heat, wave propagation, wave energy, reflection, refraction, electricity, magnetism, circuits and semiconductors. This course must be taken concurrently with General Physics II Laboratory. Prerequisite(s): MATH1020, (PHY1011, PHY1016 or SCI1011, SCI1041), Corequisite: PHY1026. Offered at Denver, Providence, Providence CE 3 Semester Credits

PHY1026 General Physics II Laboratory
This course is an introductory algebra- and inquiry-based physics laboratory coordinated with PHY1022 General Physics II. Small teams of students work together to solve practical Newtonian physics problems by conducting a sequence of observations and tests. Students are responsible for developing their own experiments and task assignments as they work within collaborative team structures, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, heat transfer, electric and magnetic fields, circuits, digital instruments and optics. Prerequisite(s): MATH1020, (PHY1011, PHY1016 or SCI1011, SCI1041), Corequisite: PHY1022. Offered at Denver, Providence, Providence CE 1 Semester Credit

PHY2011 Physics I
PHY2011 is the first of a two-part introductory physics course sequence using calculus-based approaches to analyze physical phenomena. It introduces students to vectors and the basic principles of classical mechanics, applying the concepts of work, energy, linear momentum and angular momentum to physical phenomena. This course must be taken concurrently with Physics I Laboratory. Prerequisite(s): MATH1040 (or concurrent), Corequisite: PHY2016. Offered at Providence, Providence CE 3 Semester Credits

PHY2016 Physics I Laboratory
PHY2016 is an introductory calculus-based physics laboratory class that meets three hours per week. It is an inquiry-based laboratory course coordinated with PHY2011 Physics I. Small teams of students work together to solve practical Newtonian physics problems by conducting a sequence of observations and tests. Students are responsible for developing their own experiments and task assignments as they work within collaborative team structures, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, vector algebra, kinematics, conservation of energy, momentum and rotational motion. Prerequisite(s): MATH1040 (or concurrent), Corequisite: PHY2011. Offered at Providence, Providence CE 1 Semester Credit
PHYG2022 Physics II
PHYG2022 is the second of a two-part introductory physics course sequence using calculus-based mathematical approaches to analyze physics phenomena. It introduces students to heat, wave propagation, wave energy, reflection, refraction, electricity, magnetism, circuits and semiconductors. This course must be taken concurrently with PHYG2022 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 teams, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, heat transfer, electric and magnetic fields, circuits, digital instruments and optics. 
Prerequisite(s): MATH1040, (PHY1011, PHY1016) or (PHY2011, PHY2016) or (SCI1011, SCI1041) or (SCI2011, SCI2041)), Corequisite: PHY2026.
Offered at Providence, Providence CE
3 Semester Credits

PHYG2026 Physics II Laboratory
PHYG2026 is an introductory calculus-based physics laboratory class that meets three hours per week. It is an inquiry-based laboratory course coordinated with PHYG2022 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 teams, using the collected data to construct original models of physical phenomena. Students practice skills employed by professional engineers and scientists. The laboratory exercises reinforce theories discussed in class, including error analysis, heat transfer, electric and magnetic fields, circuits, digital instruments and optics. 
Prerequisite(s): MATH1040, (PHY1011, PHY1016) or (PHY2011, PHY2016) or (SCI1011, SCI1041) or (SCI2011, SCI2041)), Corequisite: PHY2022.
Offered at Providence, Providence CE
1 Semester Credit

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
3 Semester Credits

PRMG3010 Advanced Project Management
This course teaches 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 and project risk management. Students practice these skills individually and in teams by applying them to a real-world project. Students also gain understanding of the application of project management processes.
Prerequisite(s): PRMG2010. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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
3 Semester Credits

PSCI1001 Introduction to Political Science
Political Science is the study of how human beings create governments, leaders, laws and policies. This foundational course explores how and why politics involves all aspects of our everyday lives. The dynamics of politics center on acquiring, distributing, and/or restricting access to power held by citizens and states. From local politics to international relations, the study of politics enables understandings of who ultimately gets what, when, where, why and how - or not. This course therefore explores the major ideas that drive the ways in which leaders govern, the systems in which they operate, motivations and barriers for citizens to participate in political life, how institutions of government work, and the role of money and media in the making of politics, from Main Street to Wall Street. This course also considers the modes by which citizens drive change in their governments, from Facebook and the ballot box to mass-scale protests driving political revolutions of the 21st century. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

PSCI1030 Introduction to Political Theory
This course examines the major political propositions and ideas advanced in Western political thought that address and analyze core political controversies. By considering many of the primary thinkers and classic texts influencing political thought, this course explores the foundational concepts of political science. Students are equipped with the intellectual tools to comprehend and rationally question political concepts such as justice, liberty, rights, equality, power, authority, law and sovereignty. (OL)
Offered at Online, Providence
3 Semester Credits

PSCI2001 International Relations and World Politics
This course provides a comprehensive introduction to the study of international relations, core concepts and key theories of world politics. Presented in this course are foundational ideas for understanding major historical and contemporary events in world politics, the behavior of states, and their relationship to the global order. This course prepares students to interpret world politics through analysis of particular trends, patterns, crises and global change. The chronic nature of war and ceaseless search for peace are considered, exploring how twentieth century historical events contribute to the twenty-first century nature of international relations. Politics and economics are also considered, focusing on economic relations among advanced post-industrial economies and issues of development of non-western nations, emphasizing the Global South. The role of post-colonial legacies and the failure of states is an important theme of the course. Additional topics include critical and emerging analyses that imagine possible futures of international relations; imperialism; cold war politics and its legacies; national security theory including deterrence and the role of international political and monetary organizations in world politics. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

PSCI2050 Political Communications
This course examines how political actors communicate, select and design their messages and choose the medium that delivers them. Topics include how previous ‘information revolutions’ (e.g., the rise of newspapers and broadcast media) extend the reach of communication, and radically remake political participation by voters, interest groups and/or political parties. Emphasis is on identifying and evaluating ‘frames,’ the underlying, unspoken assumptions that support political communication in mainstream media. Students also examine how recent changes of digital media are currently altering or disrupting long-established patterns of voting, activism and voter opinion-making. Students research and evaluate claims regarding the long-term benefits and/or risks of a globally connected digital media network, including its effect on democratic participation, government surveillance and political legitimacy. Students develop, present and critique a political media project. (OL)
Offered at Online, Providence
3 Semester Credits
PSCI2100 Comparative Politics and Government
This course introduces students to the vital role that comparing systems of governments and political life plays in understanding the complex world of the 21st century and its politics. Through a focus on basic theories, analytical methods and questions in the field of comparative politics, students explore how political systems differ, how ideologies play a key role in defining political systems and governments, and the ways in which socio-cultural factors are a force in the making of particular models of government. Topics include the purpose of government and the role of the modern nation-state; autocratic and democratic structures of government; parliamentary and presidential democracies; elections and electoral systems; revolutions and political change; the influence of economics, religion and culture on government; globalization; and how governmental structures and institutions ultimately impact the lives of those governed. Country-specific case studies are examined throughout the course. (OL)
Offered at Online, Providence
3 Semester Credits

PSCI2150 American Constitutional Law
This course examines the Constitution's role in the relationship between the American people and their government, the constitutional structure and power of the American government, the preservation of individual rights and liberties, and the work of the Supreme Court of the United States. In addition to considering the text, theories and seminal cases related to the Constitution of the United States, this course explores the political, cultural and historical influences contributing to American constitutional jurisprudence.
Prerequisite(s): Sophomore status. (OL)
Offered at Online, Providence
3 Semester Credits

PSCI2200 Race, Politics and Power in America
This course explores the pivotal question of why and how race matters so greatly to the making of politics and governance in historical and contemporary America. The course begins at the earliest formations of the U.S., underscoring the pivotal part that race played in defining citizens and rights during this era. Focus is on these foundational-period linkages to race and political rights and their political implications for the post-modern civil rights movement. Historical factors, status changes of minority communities in the U.S., and the idea of a post-racial society are compared and contrasted. (OL)
Offered at Online, Providence
3 Semester Credits

PSCI3005 Political Ideologies and the 21st Century
Historical events and processes of the 20th century help us to grasp the rising political ideologies of the 21st century and the emerging ways in which these ideologies are expressed as organizations, such as ISIS. Political ideologies of the past and of this century often stand in opposition to each other, as demonstrated in globalization/anti-globalization movements. Movements such as anarchism, perceived as marginal in the U.S., play a considerable role in shaping political events abroad. Digital movements of disruption, such as Anonymous, represent new modes of ideology, power and expression. The fate of ideologies with their roots in the 19th and 20th centuries, such as anarchism, feminism, fascism, and radical-right-wing and anti-government groups in the 21st century is explored. Emerging and splinter hate groups, insurgent, anti-state movements and alternative political models and organizations are examined in global context, from Canada to New Caldonia.
Prerequisite(s): ENG1021 or ENG1027, sophomore status. (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

PSCI3050 American Politics, Policy and Institutions
This course is an exploration of the interrelationships between U.S. politics and institutions and one of their key functions: making public policy. The theoretical and political foundations of policy studies and the craft of policy analysis as an academic and professional discipline are introduced. This course assesses both formal representative institutions (e.g., legislatures and/or executives), and their relationship to informal institutions (e.g., political parties, interest groups and/or the media). In addition, students define and apply concepts and analytical tools in evaluating how effectively or efficiently a government provides public goods. Assignments and projects give students opportunities to apply these concepts and techniques to policy problems and dilemmas and to practice communicating their analyses and recommendations to decision makers and/or stakeholders in a professional format.
Prerequisite(s): ENG1021 or ENG1027, HIST3200, sophomore status. (OL)
Offered at Online, Providence
3 Semester Credits

PSCI3100 Research Methods in Political Science
This course explores the vital role research plays in the making of political science as an academic field of study. Probing how the scientific method works in the practice of studying, predicting and analyzing politics, this course investigates the array of qualitative and quantitative methods foundational to research in politics. How to research campaigns, political actors, processes and practices in both policy and legislative arenas, and their impacts comprises the scope of this course. The concepts and tools explored are pursued through continuous engagement with the empirical, utilizing seminal and current research in the discipline to introduce, reinforce and put to practice the ways in which design, data and results inform contemporary political thought and practice in both standard and innovative ways.
Prerequisite(s): Junior status. (OL)
Offered at Online, Providence
3 Semester Credits

PSCI3150 Ethics in Public Life
This course provides an introduction to ethics in political and institutional public life, the meaning of a fair and equitable society, and the obligations of public actors (elected officials, bureaucrats, lobbyists, advocates and others). Students identify and evaluate major theoretical frameworks, including utilitarian, Rawlsian and deontological ethics, and in discussing individual cases and dilemmas propose courses of action grounded in one or more of these ethical models. In addition, the course examines the organizational and political models that assist and/or interfere with the fulfillment of public ethical obligations. Students also assess the extent to which institutions may be organized to encourage desired ethical outcomes. Finally, students learn to develop and communicate their decisions through classroom exercises and in appropriate professional formats.
Prerequisite(s): ENG1021 or ENG1027, sophomore status. (OL)
Offered at Online, Providence
3 Semester Credits

PSCI3200 Women in American Political Life
This course explores the role played by women in American politics and the effect of political decision making on women from the founding of the United States until the present day. Topics include women's acquisition of political power, including the struggle for suffrage and for the vote; the role played by women in creating public policy and the effect of policy on women; and women as reformers and political activists. Emphasis is on the role played by women of color as political actors in their communities and on the national stage.
Prerequisite(s): ENG1021 or ENG1027, sophomore status. (OL)
Offered at Online, Providence
3 Semester Credits
PSCI3250 Dynamics of Contemporary Diplomacy and Statecraft
This course traces the origins of diplomacy from the imperial post-Westphalian world order to the emergence of the concept of the diplomat and formation of the nation-state system in the wake of Woodrow Wilson's 14 Points, on to the present era of globalized, insurgent anti-state movements. This course utilizes case studies to illustrate the major themes organizing the study of diplomacy and statecraft, grounded in an exploration of core theories and dilemmas of diplomacy drawn from near past to the present. The course offers a systematic approach to the analysis of this interrelationship, drawing on key concepts and theories from political science. Prerequisite(s): ENG1021 or ENG1027, sophomore status. Offered at Providence 3 Semester Credits

PSCI3300 Politics of Food, Human Security and Social Justice
This course examines food as a medium of political life. The cultural politics of food and its connection to the production, distribution, consumption and waste of food to human security and social justice is discussed. Some of the issues addressed include food (in)security and sovereignty, body image and food, hunger and obesity, food citizenship, and the tension among government, industry, labor, consumers and food activists. Prerequisite(s): ENG1021 or ENG1027, sophomore status. (OL) Offered at Providence 3 Semester Credits

PSCI3350 Political Parties, Social Movements and Interest Groups
This course explores how political groups form and why they matter to political life in both authoritarian regimes and democracies. The impact of these groups on the effectiveness of political representation and the efficacy of governments is analyzed. Three types of groups central to U.S. politics are compared: 1) political parties, 2) social movements and 3) interest groups. This course explores dynamics driving the formation of these groups, such as interest articulation, ideology, grievances and contentious issues of policy. The impact of how these groups wield influence on the core institutions of government, individual political actors, media discourse, and voting behavior are explored. Key theories and thinkers that explain the processes and practices of interest articulation, underlying dynamics of collective identification and action, political mobilization, patterns and processes of lobbying behavior, and an investigation of their impact on the US political landscape are examined. Prerequisite(s): ENG1021 or ENG1027, sophomore status. Offered at Providence 3 Semester Credits

PSCI4100 Issues in Political Theory: The Politics of Human Rights in Global Perspective
This course explores categories of rights granted by the U.N. Declaration of Human Rights; ideological, political and cultural tensions concerning human rights; and their application to all peoples and societies. International failures to ensure these rights are analyzed in case studies. The politics of human rights, barriers to realizing human rights as a global priority for the 21st century amid worldwide atrocity and terrorism, and origins of the idea of individual rights and cultural analogues to western notions of rights are explored. Prerequisite(s): ENG1021 or ENG1027, sophomore status. (OL) Offered at Providence 3 Semester Credits

PSCI4900 Capstone Seminar in Political Science
This capstone seminar is the culmination of the learning experiences and skills students have acquired throughout the course of their political science program. Students develop a research thesis and professional portfolio in preparation for them practicing political science in a variety of professional settings and graduate school programs. The emphasis of this research/professional seminar is three-fold: 1) to support students in designing and making operational a research project, 2) to produce a portfolio and professional development plan, and 3) to write an effectively articulated research thesis. Students engage in on-going peer-review and consultation sessions with the purpose of encouraging a resourcefulness-approach to professionalism and personal skills enhancement, both in future career and academic pursuits. Throughout the seminar, emphasis is on supporting students to conceive of and articulate the applicability of their acquired skills and program-related experiences to their developing career and future study. Prerequisite(s): PSCI3100, senior status. (OL) Offered at Providence 3 Semester Credits

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. (OL) Offered at Providence 3 Semester Credits

PSYC1011 Metacognition and Learning Strategies
This course is a segment of the 10-month Wildcat Learning Effectiveness in Action Program (LEAP). The course provides LEAP learners with an applied, experiential exploration of metacognitive-based learning-strategy skill sets intended to enhance their self-efficacy as students and global citizens. Through an evidence-based practice, active learning design, LEAP students are introduced to, explore, and practice learning strategies focused on these core areas: metacognition, executive function, self-regulation, developing engaged-student, pro-active behaviors, focus, working memory, critical thinking and reasoning. These skills and schemas are acquired through an emphasis on the practice of techniques intended to enhance understanding via experiential engagement and reflective learning. Prerequisite(s): Acceptance into Wildcat LEAP. Offered at Providence 3 Semester Credits

PSYC1020 Introduction to Professional Issues and Ethics in Psychology
This course explores the identity, professional values and diverse work settings in the field of psychology. Students learn about the scope of the broad field of psychology, as well as a variety of sub-disciplines. Fundamental skills for psychology students, such as scientific literacy and critical thinking, are explored, enabling students to critically evaluate research in the social sciences. Students also learn about ethical behavior, as well as examine critical historical events, contributors and landmark studies that shaped the field of psychology. The course illustrates the various roles that psychology plays in the understanding and shaping of modern society. (OL) Offered at Charlotte, Denver, Online, Providence, Providence CE 3 Semester Credits

PSYC2002 Abnormal Psychology
This course examines the major theoretical approaches to psychological and other behavior disorders. Included are definitional criteria, causes, prevalence, related conditions and current treatment programs for both children and adults. Emphasis is placed on the sociocultural context of psychological disorders as well as on correcting common stereotypes about mental and emotional illness. Prerequisite(s): PSYC1001. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits
PSYC2015 Human Sexuality
This course is an exploration of human sexuality from a biological, psychological and socio-cultural perspective. It examines major theoretical perspectives that influence the scientific study of sexuality. Critical issues discussed include but are not limited to sexual identity and gender, sexuality and relationships, contemporary and cross-cultural views on human sexuality, rape and sexual exploitation and sexuality across the lifespan. Prequisite(s): PSYC1001. (OL) Offered at Charlotte, Denver, Online, Providence, Providence CE 3 Semester Credits

PSYC2020 Industrial/Organizational Psychology
This course emphasizes the psychological principles involved in group performance, power, leadership styles and behavioral motivation. It includes discussion and analysis of organizational research and the application of the results to businesses and industrial situations. It is designed to assist the business student in incorporating psychological knowledge into his or her managerial and leadership style in order to increase on-the-job productivity. Prequisite(s): PSYC1001. (OL) Offered at Denver, Online, Providence, Providence CE 3 Semester Credits

PSYC2030 Developmental Psychology
This survey course is designed to introduce the student to the concepts, theories and recent research in the area of human life span from conception to late adulthood. The integrative process of physical cognitive and psychosexual development during significant periods of maturation is examined. Prequisite(s): PSYC1001. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

PSYC2040 Psychological Issues of Substance Use Disorders and Compulsive Behaviors
This course examines the various types of substance use disorders and accompanying compulsive behaviors and symptomology related to these disorders. It focuses on problems related to the addictive process. Topics include but are not limited to compulsive gambling, alcohol and other substance use disorders, paraphilias, eating disorders and other compulsive behaviors. Relevant topics such as the addictive process and personality are addressed along with familial effects and psychosocial impact on all. Various treatment approaches and methods of recovery are discussed. Methods of awareness, identification and distinction between various compulsive disorders and substance use disorders and substance-induced disorders along with the biopsychosocial model of addiction are delineated. Prequisite(s): PSYC1001. (OL) Offered at Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

PSYC2100 Health Psychology
This course examines the impact of psychological and behavioral factors on individual health and wellness. The application of theory in understanding and designing health education materials, behavioral interventions, prevention strategies, and improving access to health systems is emphasized. Prequisite(s): PSYC1001. (OL) Offered at Charlotte, Denver, Online, Providence, Providence CE 3 Semester Credits

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, this course will introduce students 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. Prequisite(s): PSYC1001. Offered at Denver, Providence, Providence CE 3 Semester Credits

PSYC3001 Social Psychology
This course features a study of individual behavior in relation to the social stimuli of modern life. The course involves the extension of general psychological principles and methods in the study of social behavior. Prequisite(s): ENG1021 or ENG1027, PSYC1001. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

PSYC3010 Personality
This course is a study of various personality theories in the context of psycho-philosophical differences in personality. Personality development, assessment methods, theoretical application, integration and critical evaluation of each theory are analyzed. Application of theory to actual and hypothetical cases is expected throughout the course. Prequisite(s): PSYC1001. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

PSYC3040 Introduction to Neuropsychology and Psychopharmacology
This course considers the function and dysfunction of the human central nervous system with respect to higher order cognition and behavior. This course surveys the neuroanatomical, neuropathological, neurocognitive and neurobehavioral aspects of the brain, and provides an introduction to the psychopharmacological aspects of treatment in mental health counseling. Prequisite(s): PSYC2002, SCI1015 or SCI1050 or SCI2031. (OL) Offered at Charlotte, Denver, Online, Providence, Providence CE 3 Semester Credits

PSYC3100 Community Psychology
This course examines the historical and theoretical perspectives of community psychology: the interrelationship between individuals and the various family, friendship, neighborhood, work, and community systems in which they live. Using a scientific approach, key areas of focus include the application of psychological principles to understand and address social issues, engage in collaborative problem solving, and promote community development. Prequisite(s): PSYC1001. Offered at Denver, Providence, Providence CE 3 Semester Credits

PSYC3200 Cognitive Psychology
This course examines the primary cognitive processes of attention, perception, and memory as the foundation for higher order thinking. Students examine and discuss early and current theories and methodologies in cognitive science and explain how primary cognitive processes lead to complex thought. A key component of course work includes conducting a literature review on an assigned or selected topic. Prequisite(s): PSYC1001. (OL) Offered at Denver, Online, Providence, Providence CE 3 Semester Credits

PSYC3350 Psychology of Motivation and Leadership in the Workplace
This course examines current research and theories for motivation at work and how they affect the achievement of organizational goals and objectives. A chronological review of the field is included, as well as discussions around such topics as the importance of money, the relationship between job satisfaction and job performance, and the distinction between intrinsic and extrinsic motivation. A focus on understanding theories of leadership and their roles in creating and maintaining a psychologically healthy workplace is emphasized. Prequisite(s): PSYC1001. (OL) Offered at Charlotte, Denver, Online, Providence, Providence CE 3 Semester Credits

PSYC4100 Brain, Environment, & Behavior
This course explores the complex interrelationships between the biological basis of behavior and the environment with a focus on application of psychological principles to address current issues. Students will draw on previous knowledge of brain structures and functions and the interplay between environment and biology affecting cognition and behavior. Students will select an approved topic, conduct interdisciplinary research and propose alternative strategies to improve quality of life. Prequisite(s): PSYC3200. Offered at Denver, Providence, Providence CE 3 Semester Credits
PSYC4150 Psychology of Conflict Resolution
This course explores the definition, causes and methods used for resolution of conflicts. Causes for conflicts such as communication, beliefs and values, and lack of trust are discussed, as well as the approaches toward resolution of conflicts, such as the adversarial and non-adversarial approaches. Advantages and limitations are identified for each method.
Prerequisite(s): PSYC1001. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

PSYC4200 Cultural Psychology
This course offers knowledge, practice and application of the principles of Cultural Psychology. It examines the major theorists in this field and the application of their theories to human behaviors and interactions. It critically examines cultural psychological theories in both traditional western and non-western psychological models. Accordingly, the course elucidates the particular research methods that are specific to the study of psychology and culture. By examining the developmental processes of cultural identity, the course demonstrates the necessity of cultural psychology as a specific domain of inquiry. In addition, the course examines the divergent frameworks for understanding abnormal behavior and mental illness, as well as mental health and wellness, in a cultural setting. Finally, the course focuses on application and analysis of the themes of cultural psychology for their use in specific work situations and in our global world today.
Prerequisite(s): PSYC1001, junior status. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

PSYC4300 Contemporary & Critical Issues In Applied Psychology
The culminating capstone experience in the major, this senior seminar asks students to synthesize the major theoretical perspectives of their field and apply these paradigms to their research on a specific critical issue. Through this course, students reinforce their knowledge of the field of applied psychology, explore contemporary issues and hone their professional communication skills. In addition, students reflect on their professional identity and develop a plan for professional development.
Prerequisite(s): RSCH2050, senior status.
Offered at Denver, Providence, Providence CE
3 Semester Credits

PSYC5200 Advanced Neuroscience and Psychopharmacology
This course is an in-depth investigation into the principles of psychopharmacology from a clinical case perspective. Principles of action, efficacy, and safety of psychotropic drugs in treating psychiatric and behavioral disorders are focal points. An inquiry into the etiology and diagnosis of major mental disorders is examined. Emphasis is on modification of baseline neurotransmitter systems by current treatment protocols and medications under development. (HY)
Offered at Denver, Providence
3 Semester Credits

PSYC5400 Organizational Psychology
This course provides the foundation for student’s work in organizational psychology as the scientific study of how human behavior and attitudes are impacted by organizational culture and design. Topics covered within this course include individual attitudes, motivation, group dynamics, organizational culture and sociocultural influences on organizational climate. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

PSYC5450 Attitude and Motivation in the Workplace
This course examines the nature and importance of attitude and its integral connections to employee motivations. Employee attitude is often overlooked and undervalued as a workplace factor that can impact the degree of success experienced in today’s organizations. Attitude can significantly influence the motivational levels of individual employees, workplace teams and entire operational units, resulting in dramatic changes to an institution’s overall efficiency and effectiveness. Strategies for identifying and fostering positive attitudes that promote organizational health, growth and sustainability are discussed.
Prerequisite(s): PSYC5400. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

PSYC6800 Organizational Psychology Capstone I
The capstone course for organizational psychology integrates the knowledge and skills acquired throughout the program to develop a refined approach to address complex problems for organizations in the 21st century. Theories and best practices are analyzed for dealing with the dynamic circumstances that are significantly influenced by factors such as advanced globalization and constantly evolving technology and sociocultural influences. Class discussion, lectures and a capstone project challenge students to demonstrate their proficiency in areas such as organizational leadership and change, motivation, team dynamics and coaching and consulting. Students further incorporate their knowledge and skills as scholar practitioners by completing a capstone research or consulting project.
Prerequisite(s): LEAD6100, MGMT6225, MGMT6360, PSYC5400. (OL)
Offered at Online
3 Semester Credits

PSYC6820 Organizational Psychology Capstone II
This course requires students to extend their learning by writing a rigorous research paper or completing a project that examines a specific idea relevant to the field of organizational psychology, while applying previous course material. Students present their research within the context of implications for relevant organizations today and in the future.
Prerequisite(s): PSYC6800. (OL)
Offered at Online
3 Semester Credits

REL2001 Comparative Study of World Religions
This course introduces students to the world’s great religions: Hinduism, Buddhism, Judaism, Christianity and Islam. Focus of the course is interdisciplinary and includes history, sociology, philosophy, psychology and textual/cultural analysis of each religion’s literature in relation to these religions. The course highlights the diversity and commonalities of religious experience and expression as religions face 21st-century challenges. Students examine both the specific contexts and conditions in which a variety of religious traditions exist in the global era.
Prerequisite(s): ENG1020 or ENG1024 or English placement. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

REL3100 Food, Philosophy and Religion
This course examines the role of food, alcohol, eating and cooking in the world’s major philosophies and religions and the belief systems of antiquity and of many indigenous cultures in the Americas, the Arctic, Africa and Oceania, past and present. The course begins with a study of the religions and philosophies of animistic, pantheistic and polytheistic cultures in the ancient world and in historical and contemporary indigenous communities. The course ends with an investigation of how food’s role in religious practice has changed over time to accommodate such forces as urbanization, industrialization and immigration. Among the topics to be covered are sacred and taboo foods, food as an object of sacrifice, fasting, the role of food and dining in the formation of religious identities and communities, monastic cuisines and dining practices, and food as a representation of the cosmos. Throughout this course, comparisons among religious traditions and between traditional practices and contemporary practices are drawn.
Prerequisite(s): ENG1021 or ENG1027.
Offered at Charlotte, North Miami, Providence, Providence CE
3 Semester Credits

RMGT2001 Enterprise Risk Management
This course focuses on the aspects of enterprise risk management (ERM) in business, including the methods and processes used by organizations to manage risks and seize opportunities related to the achievement of their objectives. The course provides a framework for the identification, assessment, monitoring and mitigation of risk as it relates to the business enterprise including identification and mitigation of strategic, marketing, financial, supply chain, information technology, health/safety risks and corporate governance. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits
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): BUS1001 or MGMT1001. (HY) (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

RMGT4010 Risk Analysis and Loss Prevention
This course focuses on risk management and loss prevention. Risk countermeasures and their pros and cons are addressed. Students are provided with a systematic approach to logical decision-making about the allocation of scarce security resources. This course describes the risk management methodology as a specific process, theory or procedure for determining assets, vulnerabilities and threats, and how security professionals can protect them.
Prerequisite(s): RMGT2001. (HY) (OL)
Offered at Online, Providence, Providence CE
3 Semester Credits

RSCH2050 Workshop in Acquiring Social Research Skills
This course explores the concepts, steps and skills required for analyzing and conducting research grounded in the scientific method. The emphasis of this course is on acquiring research skills through practice-based learning. Students attain an understanding of the roles and approaches that distinguish quantitative and qualitative research methods. Students learn how to plan and write a research project prospectus and how to select and interpret data. Students acquire a working understanding of the analytical approaches necessary for evaluating the validity and credibility of primary and secondary research, learning also to use and interpret statistics in specific applied contexts. Students explore current professional ethical norms and practices in research. Students gain appreciation for understanding how research and society are vitally linked, while grasping the importance of the role of public scrutiny in research.
Prerequisite(s): MATH2001 or MATH2010, PSYC1001 or SOC1001 or SOC2005, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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 with primary and secondary sources, and review appropriate documentation forms. The professor guides students in their choice of feasible research projects and serves as the major adviser during the development of an honors thesis prospectus. Students complete the honors thesis in RSCH4020 Honors Directed Academic Experience.
Prerequisite(s): ENGL1024 or English placement, sophomore status, honors status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

RSCH4020 Honors Directed Academic Experience
The Honors Directed Academic Experience offers honors students the opportunity to develop and complete a capstone project begun in the Honors Research Seminar (RSCH3020). This project is completed under the direct supervision of an individual faculty mentor appropriate to the specialized field of research or other work undertaken by the student. Though students submit portions of the project to the faculty mentor at regular intervals, students are expected to devote a substantial amount of time to research, writing and other appropriate forms of independent engagement with their chosen subject.
Prerequisite(s): RSCH3020, honors status.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

RSCH4050 Research Seminar in Psychology
This capstone course is designed to complete the major program of study by integrating the student’s prior academic experiences in psychology. A seminar format is used to encourage student participation and interaction with peers and faculty. Each participant chooses a topic within their area of interest. The topic is explored through individual research, periodic presentations and discussion. Discussion focuses on both substantive and methodological concerns as well as interconnections among areas of study.
Prerequisite(s): RSCH2050, senior status. (OL)
Offered at Charlotte, Denver, Online, Providence, Providence CE
3 Semester Credits

RSCH5700 Research and Inquiry
This course enables graduate students to develop problem-solving, critical thinking and quality decision-making skills that are important for professionals in all industries. Students evaluate research methodologies and develop techniques in critical thinking to improve their understanding and evaluation of industry information. The course examines the research process from preliminary data-gathering techniques to problem identification and hypothesis development. Students review pertinent data and literature as secondary sources, critique published materials and focus on the nature of primary, empirical research and the elements of research design. Particular attention is given to the student’s perspective of the applicability of research to his/her career endeavors. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

RSCH5800 Evidence-Based Research in Management
This course enables graduate business students to develop problem-solving, critical thinking and quality decision-making skills that are important for professionals in all industries. Students evaluate the credibility of the various sources of organizational information (practitioners, the research literature, organizational data, and stakeholders) and develop techniques in critical thinking to improve organizational decision-making. For each source of information, the course examines the three critical elements of knowledge creation: ask, acquire and appraise. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RSCH6100 Research and Theories in Addiction Counseling
This course builds on previously acquired knowledge about research methods in the field of counseling. Emphasis is placed on critically examining research and research instruments, with an overall goal of developing the skills necessary to design a research study, and collect and analyze data. Students are prepared to use data to assess and improve performance in their chosen field, especially as it relates to addiction counseling. (HY)
Offered at Denver, Providence
3 Semester Credits

RSCH6150 Research and Theories in Mental Health Counseling
This course builds on previously acquired knowledge about research methods in the field of counseling. Emphasis is placed on critically examining research and research instruments, with an overall goal of developing the skills necessary to design a research study, and collect and analyze data. Students are prepared to use data to assess and improve performance in their chosen field, especially as it relates to mental health counseling.
Offered at Denver, Providence
3 Semester Credits

RSCH7110 Research Design
This course prepares students to identify, synthesize and analyze research and apply it to issues and challenges in business settings. Focus is on the identification and analysis of researchable problems, formulating research questions, critiquing existing research studies, and using research to improve policies, programs and practices. (OL)
Offered at Online
3 Semester Credits
RTL2005 Global Sourcing
This course allows students to examine the import marketing process, import regulations, sources of supply, supplier management and development, and transportation in order to learn how to participate in the global marketplace and negotiate in cross-cultural situations.
Prerequisite(s): MRKT1001 or RTL1005, sophomore status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

RTL2008 The Textiles Industry
This course provides a comprehensive overview of the textiles industry. Students explore fibers, yarns, fabrics, dyes, prints and finishes. Emphasis is on factors that affect the hand, appearance and performance of textiles and textile products. The manufacturing of yarns and fabrics (woven, knitted and nonwoven) are examined in order to evaluate appropriate end uses.
Prerequisite(s): RTL1005 or RTL1015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RTL2010 Apparel Quality Analysis
This course provides students with a method for evaluating the quality of ready-to-wear apparel. Students explore textiles, construction techniques, performance characteristics and the link between quality and price. Focus is on making informed business decisions in fashion merchandising and marketing using an understanding of how apparel is produced and an appreciation of the features that affect cost and quality.
Prerequisite(s): RTL2008.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

RTL2050 Fashion Promotion
The course explores the principles of fashion promotion as they relate to planning, selling and marketing fashion merchandise to consumers. Students explore the nature of the contemporary fashion promotion industry, and its use of integrated marketing communications to inform consumers of trends and styles. (OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

RTL2122 Retail and Fashion Lab
This course is a career exploration of a variety of merchandising functions. Part of this course takes place in a laboratory setting with students completing hands-on assignments resembling merchandise management activities. Students conduct market analysis, trend research, buying, and visual merchandising under the supervision of faculty with industry expertise. This course includes industry field visits. Students are encouraged to examine personal and professional goals as they visit with local industry hosts and alumni. Students develop professional skills and network with industry speakers as they discover many retail and fashion career paths.
Prerequisite(s): RTL1015, sophomore status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
4 Semester Credits

RTL3010 Merchandise Buying
This course provides the student with principles of merchandising buying. Students review the environmental factors that influence the behavior of consumers and the techniques for predicting merchandise cycles. This course outlines the merchandising activities and marketing trends of those industries involved with producing and selling goods in the marketplace. Students examine the merchandising activities and decisions expected of a buyer at the retail level. Buying activities are compared for a variety of retail settings.
Prerequisite(s): RTL1015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

RTL3030 Cases in Fashion and Retail
This course analyzes and compares fashion and retail merchandise and management techniques used in specialty store, department store, chain store and mass merchandising operations. A case study approach is used in evaluating merchandise and management decisions in a variety of cases involving issues, types of operations and levels of management.
Prerequisite(s): RTL2063, junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

RTL1015 Introduction to Retail and Fashion
This course is an overview of the retail and fashion industries. Students explore historical influences on contemporary industries as well as the process of developing and producing apparel products and retailing consumer goods. Types of retailers and retail channels are emphasized as are industry research methods. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RSLCH8100 Dissertation Research: Proposal
This course is the first in a series of four courses designed to support students in the development and completion of their doctoral dissertation. In this course, students develop and complete their dissertation proposal for approval. The proposal must be approved by the major advisor and the setting, system or institution where the research will take place. (OL)
Offered at Online
3 Semester Credits

RSLCH9000 Dissertation Research: Problem Statement and Literature Review
This course is the second in a series of four courses designed to support students in the development and completion of their doctoral dissertation. Emphasis is on the skills necessary to critically and thoroughly evaluate the professional literature, as students complete a comprehensive literature review for their area of research. (OL)
Offered at Online
3 Semester Credits

RSLCH9005 Dissertation Research: Methodology and Analysis
This course is the third in a series of four courses designed to support students in the development and completion of their doctoral dissertation. In this course, students design an evidence-based research methodology approach to investigate the problem identified and approved in the Dissertation: Problem Statement and Literature Review course. Students complete the data collection process, beginning with obtaining permission and human subject approval and ending with data analysis. Dissertation chapters three and four are completed as part of this course. (OL)
Offered at Online
3 Semester Credits

RSLCH9010 Dissertation Research: Discussion and Contribution
This is the final course in a series of four courses designed to support students in the development and completion of their doctoral dissertation. In this course, students develop the dissertation process. Students formulate and explain the implications and value of the research findings for management practice, and make specific recommendations to improve management practice. Prior to the end of the module, students successfully defend the dissertation research and publish their findings. (OL)
Offered at Online
3 Semester Credits

RSCH7130 Quantitative Research Methods
This course focuses on quantitative research methodologies, instrumentation, data collection and analysis processes, and the interpretation and presentation of results. Common statistics topics for doctoral students are covered, including when and how to use them in the context of practical business decisions. These include probability and descriptive statistics, forecasting methods, sampling distributions, hypotheses testing, analysis of variance and regression analysis. Statistical analysis software (SPSS) is used to interpret results and evaluate reliability and validity. Case studies are reviewed to support learning. (OL)
Offered at Online
3 Semester Credits

RSCH7150 Qualitative Research Methods
This course focuses on the use of qualitative research inquiry for discovering, observing and analyzing a variety of organizational phenomenon. Topics include ethnography, grounded theory, phenomenology, case study, focus group and narrative research approaches, employing interviewing, discourse/content analysis and participation observation methods. Students discuss assumptions of qualitative inquiry, standards of sampling, ethics and trustworthiness. Data analysis software (QDA Miner) is introduced. Case studies are reviewed to support learning. (OL)
Offered at Online
3 Semester Credits

RSCH8100 Dissertation Research: Proposal
This course is the first in a series of four courses designed to support students in the development and completion of their doctoral dissertation. In this course, students develop and complete their dissertation proposal for approval. The proposal must be approved by the major advisor and the setting, system or institution where the research will take place. (OL)
Offered at Online
3 Semester Credits

RSCH9000 Dissertation Research: Problem Statement and Literature Review
This course is the second in a series of four courses designed to support students in the development and completion of their doctoral dissertation. Emphasis is on the skills necessary to critically and thoroughly evaluate the professional literature, as students complete a comprehensive literature review for their area of research. (OL)
Offered at Online
3 Semester Credits

RSCH9005 Dissertation Research: Methodology and Analysis
This course is the third in a series of four courses designed to support students in the development and completion of their doctoral dissertation. In this course, students design an evidence-based research methodology approach to investigate the problem identified and approved in the Dissertation: Problem Statement and Literature Review course. Students complete the data collection process, beginning with obtaining permission and human subject approval and ending with data analysis. Dissertation chapters three and four are completed as part of this course. (OL)
Offered at Online
3 Semester Credits

RSCH9010 Dissertation Research: Discussion and Contribution
This is the final course in a series of four courses designed to support students in the development and completion of their doctoral dissertation. In this course, students develop the dissertation process. Students formulate and explain the implications and value of the research findings for management practice, and make specific recommendations to improve management practice. Prior to the end of the module, students successfully defend the dissertation research and publish their findings. (OL)
Offered at Online
3 Semester Credits

RTL1015 Introduction to Retail and Fashion
This course is an overview of the retail and fashion industries. Students explore historical influences on contemporary industries as well as the process of developing and producing apparel products and retailing consumer goods. Types of retailers and retail channels are emphasized as are industry research methods. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits
RTL3055 History of Fashion
This advanced course focuses on the elements affecting dress from antiquity through the 20th century. Using an interdisciplinary approach, students explore the complex relationship between dress and textiles as a reflection of material culture and phenomena, such as social structure, technology, aesthetics, geography, politics and religion. The constancies and changes in human ecology are analyzed using primary sources including archeological discoveries, artworks, written documents, period photographs and extant objects. Critical thinking skills and scholarship are emphasized as students apply a historical framework to real-world issues in today’s global marketplace.
Prerequisite(s): Junior status. (HY)
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

RTL3065 Forecasting
This course provides an overview of the field of fashion forecasting. Students learn to research, identify and evaluate trends in themes, colors, textiles and styles, as well as their impact on the textile and apparel industries. They explore garment components in order to better recognize fashion trends and develop fashion forecasts based on consumer, aesthetic and market research.
Prerequisite(s): RTL2122. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RTL3075 Textile Design for Apparel and Home Furnishings
This hands-on course is an introduction to basic textile design techniques used by designers and manufacturers. Topics include the aesthetic and performance characteristics of fibers, yarns, weaves and knits, as well as motif development and pattern design. Methods of design incorporate dyeing, printing, surface manipulation, and embellishments. The development and ethical issues of the textile industry are also explored. Students develop an appreciation for the historic and cultural value relevant to each method and create collections of textile samples for both apparel and home.
Prerequisite(s): RTL2008. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RTL3150 Special Topics in Fashion, Retailing and Marketing
This course is a study of how fashion, retailing and marketing trends today impact consumers, business and society. Emphasis is on current literature, advanced problems and research tools applicable to the chosen topic. This course focuses on a different area, issue or theme each year, depending on student interest. The topic area may not be usually found in the conventional classroom course.
Prerequisite(s): Sophomore status.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

RTL3212 Sustainability in the Fashion Industry
This course is designed to introduce students to the topic of sustainability in the fashion industry. Students are exposed to the core issues and challenges of sustainable apparel. Focus is on the management of processes involved with raw materials, textile production, apparel design, manufacturing, selling and disposal in order to produce a positive impact on society. Concepts of the fashion supply chain and its sustainability (environmental, economic and ethical) are examined. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RTL3240 Retail Math
This course teaches the concepts, practices and procedures for math utilized in merchandising. Students use calculations and interpretations of figures needed to allocate merchandise investments, control of sales, and control inventory (including planning and pricing) to be profitable in retail environments. The course approaches retail management from the standpoint of the retail businessperson and is intended to serve as a tool for the student of merchandising management.
Prerequisite(s): RTL1015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RTL3350 Visual Merchandising
This course aids students in the development of skills necessary to the creation of strategic and innovative visual merchandising. Emphasis is on the importance of color and composition, types of displays, fixtures, and brand image. Other topics include the use of mannequins, mannequin alternatives, signage and floor plans, as well as display space conceptualization and implementation.
Prerequisite(s): RTL1005 or RTL1015. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RTL4050 Strategic Planning in the Fashion Industry
This senior-level capstone course integrates theory and real-world situations. Using research, data collection and analysis, students evaluate, formulate and implement business strategies for the fashion and retail industries. This course examines the momentum of omni-channel retailing as brick and mortar, e-commerce, and social commerce create seamless shopping experiences. Students research financial, merchandising, and competitive data from fashion and retail organizations and determine advanced merchandising strategies.
Prerequisite(s): RTL3030 or RTL3065, senior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

RTL4120 Fashion Merchandising & Retailing in an International Context
This course is a variable credit course within the study abroad program. The students earn a variable 3.0 to 9 credits. The purpose of this course is to put students in an international context in which they gain firsthand knowledge of how multinational fashion/retail organizations utilize trend analysis and forecasting in designing collections to promote both products and brands globally. The course includes industry visits, cultural excursions and experiential-based projects.
Prerequisite(s): RTL1015, MRKT1001, acceptance into Study Abroad program.
Offered at Charlotte, Denver, North Miami, Providence
3-9 Semester Credits

RTL6010 Concepts and Theories in Fashion Merchandising
This course explores and analyzes the role and purpose of theories and concepts, focusing on those applicable to fashion and merchandising research. Based on the interdisciplinary and multidisciplinary nature of fashion and merchandising, various fields are examined including verbal and nonverbal communication, consumer behavior, marketing and technology. Using appropriate research methods, students design original research based on theoretical or conceptual frameworks.
Prerequisite(s): Completion of required foundation courses. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

RTL6030 Ethics in the Fashion Industry
This course analyzes ethics and moral principles as they relate to laws, policies, and practical issues in the global fashion industry. The emphasis of this course is on the application and evaluation of scholarly articles, case studies, and real-life ethical dilemmas using an ethical decision-making model. Students recognize and critique ethical problems linked to the design, production, retailing, and consumption of apparel.
Prerequisite(s): RTL6010. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

RTL6040 Sustainability in the Apparel and Retail Industry
This course covers current apparel and retail sustainability theories, research and methodologies. Emphasis is on the evaluation and discussion of current sustainability literature and sustainable practices of apparel, textiles and related products and services. Students assess the viability of emerging international apparel manufacturing countries in terms of environmental sustainability.
Prerequisite(s): RTL6010. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits
This course examines past and present theoretical perspectives and research with respect to changes in merchandise management and current retailing practices. Many aspects of merchandise management and retailing are examined and analyzed including historical settings, current global and business environments, digital technology and management. Students assess and critique a range of management practices, working in individual, dyadic and group settings.

Prerequisite(s): RTL6010. (OL)

Offered at North Miami, Online, Providence

3 Semester Credits

SCI1010 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

1.5 Semester Credits

SCI1002 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

1.5 Semester Credits

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 Denver, Providence, Providence CE

3 Semester Credits

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

3 Semester Credits

SCI1015 Introduction to Life Science

This course describes key biological and chemical principles that apply to all living things. Evolution and natural selection are studied as an explanation for the history of life on Earth. Students examine cells and cell functions, genetics, as well as structure and function of human body systems. Application of scientific methodology is included. (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

3 Semester Credits

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

3 Semester Credits

SCI1050 Nutrition

This course in basic human nutrition examines metabolic energy derived from carbohydrates, proteins and lipids. Pathways for utilization of this energy to build new biomolecules, including nucleic acids, are discussed, as are the consequences of nutrient deficiencies. Ways to achieve and maintain nutrient balance are a central part of the course. The significance of vitamins and minerals and possible toxicity due to overabundance are also discussed. Computer-based dietary analysis is a key component of this course. (OL)

Offered at Charlotte, Denver, Denver CE, North Miami, Online, Providence, Providence CE

3 Semester Credits

SCI2020 Introduction to Exercise Physiology

This course introduces topics in the physiology and anatomy of exercise, cardiovascular fitness, nutrition, and weight control. Emphasis is placed on understanding the scientific basis for a wellness program. (OL)

Offered at Charlotte, Denver, Online, Providence, Providence CE

3 Semester Credits

SCI2030 Introduction to Ecology

This course combines biology and other sciences to study how living things interact with each other and with their nonliving 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. (OL)

Offered at North Miami, Online, Providence, Providence CE

3 Semester Credits

SCI2031 Anatomy and Physiology

This course covers the anatomy and physiology of the human organism, based on the cell, tissue, organ and system structures of the body. An integral part of this course is the learning of medical terminology. (OL)

Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE

3 Semester Credits

SCI2120 Introduction to Microbiology

This course introduces the basic morphological, physiological and genetic aspects of various microbes, and explores the application of this information to medical, agricultural and industrial settings. Key topics include the following: structure/function relationships, factors affecting the growth and control of microorganisms, microbial genetics and evolutionary mechanisms, host-microbe interactions, and applied microbiology. This course combines both lecture and laboratory components. Topics covered in the laboratory portion of the course both support lecture content and allow students to develop introductory laboratory skills.

Prerequisite(s): CHM2040 and SCI1015.

Offered at Charlotte, Denver, Providence

3 Semester Credits

SCI2350 Honors Seminar: The Scientific Implications of Mass Food Production

This course focuses on the health and environmental impacts of the industrialization of food production. Specifically, students investigate the molecular techniques used to engineer genetically modified foods, the use of antibiotics and hormones in animal production, the biological modes of action of both pesticides and herbicides, and the industry's contribution to environmental pollutants and greenhouse gases. Students gain insight into scientific research methods through readings and classroom discussions. Scientific research articles are used to investigate the consequences of current production techniques. In addition, students develop an understanding of the scientific method by designing and conducting experiments in a laboratory setting. Students demonstrate their understanding of this topic with the completion of a research project.

Prerequisite(s): ENG1024 or English placement, honors status.

Offered at Charlotte, Denver, Providence

3 Semester Credits
SCI3020 Sustainability Policy and Planning
In this course, students are introduced to the application of scientifically-sound sustainability policies and their effects. Through the study of relevant case studies, this course demonstrates how corporate leaders can gain a strategic advantage by fostering sustainable development principles within their organizations. Businesses have typically been viewed as major contributors to environmental problems, but they have also been extremely important participants in solutions. Students investigate policy efforts that promote responsible management of social, economic, and environmental resources and examine the role of governments, markets, and nonprofit organizations in the implementation of sustainable development laws and policies.
Prerequisite(s): ENG1021 or ENG1027, BIO1022 and BIO1026 or SCI1010. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SCI3070 Food Sustainability
This course introduces students to the natural science aspects of sustainability in food production, agriculture, aquaculture, food distribution, and environmental considerations. Topics include such emerging areas as organic food industry, slow food movement, local food production, and sustainable food production practices. The class integrates theoretical principles of agriculture and aquaculture sustainability with hands-on learning exercises and evaluates the environmental, social and economic aspects of sustainable food production issues.
Prerequisite(s): ENG1021 or ENG1027, BIO1022 and BIO1026 or SCI1010. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

SCI3080 The Business of Sustainability
This course reveals the business advantages of integrating the scientific principles of environmental sustainability in commerce. The application of sustainability principles to business management is investigated. How environmental issues can drive markets and be used to manage risks and costs is examined. The economic necessity of sustainable business practices is analyzed. Business practices are evaluated to determine their true environmental impact.
Prerequisite(s): ENG1021 or ENG1027, BIO1022 and BIO1026 or SCI1010. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

SCI3500 How Drugs Work
This course integrates knowledge from core science courses including physiology, biochemistry and cellular and molecular biology to ascertain the relationship between biological processes and therapeutic agents. An understanding of pharmacology basics, including pharmacokinetics, pharmacodynamics and a systematic cognizance of pharmacotherapy is emphasized. Course content brings an awareness of the adverse effects of pharmacologic agents on humans, animals, microorganisms and ecosystems.
Prerequisite(s): SCI1015 or (BIO1011, BIO1015), SCI2031i or (BIO2041, BIO2045), sophomore status. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SCI4090 Research Seminar in Sustainability
This course is a capstone of the student's undergraduate work in the sustainability minor and an introduction to the professional practice of sustainability. The Research Seminar in Sustainability is designed to provide students with opportunities to experience the methods used in business, nonprofit, and government sustainable development initiatives and programs by approaching a single issue from a variety of perspectives. Student groups select topics related to the main issue. Topics are clustered within the categories of policies and sociology, economics, or health and environment. Each group analyzes its topic, discovers relationships to the main issue and other groups' topics, and presents their findings to the entire class. This multidisciplinary seminar serves as an integrative course employing the strategies that will build a sustainable future.
Prerequisite(s): BIO1022 and BIO1026 or SCI1010, SCI3020, SCI3070, SCI3080. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

SEE2005 The Business of Sports
This course explores the business of sports. Focus is on acquiring knowledge pertaining to sports events, legal and ethical aspects of sport, sport venues, and sport economics. Course content focuses on the comprehensive nature of professional and amateur sports.
Prerequisite(s): FSM1001 or FSM3001 or HOSP1001 or MGMT1000 or SEE1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

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, Providence
3 Semester Credits

SEE2015 Leadership in Recreation/Leisure Settings
This course explores leadership qualities, styles and group dynamics. Students examine a selection of program activities and guidelines for presenting and developing them effectively. Focus is on developing, leading and evaluating activities based on varying participant requirements. Aspects of group facilitation, activity sequencing and debriefing are discussed. (OL)
Offered at Charlotte, North Miami, Online, Providence, Providence CE
3 Semester Credits

SEE2025 Rules of Golf
The course reviews the rules of golf in detail. Students develop a clear understanding of how to navigate the rule book by studying The Rules of Golf and the Decisions on the Rules of Golf. Emphasis is placed on practical hands-on application of the rules and the decisions on the golf course. Proper course setup and marking a golf course for an official USGA event are also discussed. This course prepares students to take the USGA Rules exam.
Offered at Denver, North Miami
1 Semester Credit

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 MCST1010 or MGMT1000 or SEE1001. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SEE2040 Outdoor Recreation Planning
This course provides an introduction to the concept of outdoor recreation, outdoor recreation planning and the specific use of our environment for recreation by individuals, private agencies and government agencies. The study of federal programs including the National Park Service is an integral part of this course.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits
**SEE2055 Introduction to Teaching Golf**
The purpose of this course is to introduce the student to the art of teaching the game of golf from the basic terminology used in the industry to the biophysics used in the motion of the golf swing. Club selection, shot types and course management are also discussed. Offered at Denver, North Miami 2 Semester Credits

**SEE2070 The Gaming Industry**
This introductory course is designed to familiarize students with the many facets of the gaming industry. Students gain an understanding of the development of the gaming industry in the United States and a comprehension of the primary forms of gambling. This course delves into the current gaming environment in the United States and researches international gaming destinations. Students are introduced to a variety of career opportunities within the industry. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

**SEE2120 Introduction to the Music Industry**
In this survey style course, students explore the sectors of the music industry including artist management, concert production, recorded music, copyright, performing rights organizations, songwriting, music publishing, merchandise, audio production and radio. While interpreting the historical underpinnings of the music industry, students evaluate the current industry landscape. Course activities include the analysis and interpretation of legal documents, financial statements and marketing materials with a focus on the practice of industry-standard communication and exploration of career opportunities. Prerequisite(s): Sophomore status. Offered at Denver, North Miami, Providence 3 Semester Credits

**SEE2150 Safety, Security and Risk Management in the SEEM Industry**
This course provides the opportunity for students to gain an understanding regarding specific risk management, risk operation, risk assessment, planning and evaluative techniques used by professionals within the sports, entertainment, event and venue management field. Students acquire knowledge on how to manage, reduce and transfer risks to provide a safe and secure environment in venues for events. Students also gain fundamental knowledge of assessing risk operations and understanding liabilities of conducting an event in a venue. Students have the optional opportunity to take part in the Trained Crowd Manager Certification through the International Association of Venue Managers (IAVM) for an additional cost. Prerequisite(s): Sophomore status. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence 3 Semester Credits

**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 EVNT2020 or SEE2020 or SEE2030. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence 3 Semester Credits

**SEE3010 Ticketing Methods and Data Analysis in Sports, Entertainment and Event Management**
This course explores the business dynamics 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. (HY) (OL) Offered at Charlotte, Denver, North Miami, Online, Providence 3 Semester Credits

**SEE3015 Casino Operations Management**
This course provides students with the tools and techniques necessary to achieve optimal control of a casino operation. The organization of casinos and casino hotels and resorts is illustrated and students explore the areas of licensing, regulations and oversight for these operations. Throughout this course students are exposed to the reporting techniques used to circumvent money laundering, control credit and ensure internal operational control. Prerequisite(s): SEE2070. (HY) (OL) Offered at Denver, Online, Providence, Providence CE 3 Semester Credits

**SEE3030 Athletic Coaching and Administration**
This course focuses on understanding basic coaching/administrative principles and philosophies for sports and athletics. It emphasizes the interscholastic and intercollegiate experiences. Students explore a wide range of topics related to the current issues and trends in athletic coaching and administration. Prerequisite(s): Junior status. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence 3 Semester Credits

**SEE3041 Special Event Protocol**
Students in this course examine the specifics of social and professional business etiquette and the event protocol. Official protocol and the order of precedence for governmental, military and social organizations are investigated as well. The unique challenges presented by official ceremonial events such as state dinners, flag ceremonies, inaugurations, dedications, graduations, parades, state and military funerals, and memorial services, etc. are discussed, and students formulate effective strategies for managing such events. Prerequisite(s): EVNT2020 or FSM3001 or HOSP2011 or SEE2020. (HY) (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

**SEE3042 Weddings & Ceremonies**
This course examines the unique aspects of planning and executing various ceremonial events such as weddings (traditional and nontraditional), bar/bat mitzvahs, quinceanera parties, debutante balls, anniversaries and civilian funerals. Special emphasis is on adapting the traditional event cycle to the challenges presented by these social life-cycle events and the numerous ethnic and religious traditions associated with them. Industry best practices for custom event design including decor, entertainment, catering and budgeting are explored. In addition, strategies for attracting, managing and retaining clients are discussed. Prerequisite(s): EVNT2020 or FSM3001 or HOSP2011 or SEE2020. (OL) Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE 3 Semester Credits

**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 3 Semester Credits

**SEE3055 International Special Event Management**
This upper-level course, taught only on a campus outside of the United States during a term abroad program, focuses on the development, planning and management of international special events. Emphasis is on research and development, site selection, social and cultural issues, marketing and sponsorship, and human resource management. In addition, the challenges presented by producing an event in a non-domestic venue are explored in detail. Prerequisite(s): EVNT2020 or SEE2020, must be accepted in Study Abroad program. Offered at Charlotte, Denver, North Miami, Providence, Providence CE 6 Semester Credits
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): MCST2010 or SEE2030. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SEE3065 Fundamentals of Fundraising and Philanthropy
This course is designed to explore the role fundraising and philanthropy can play in the success of the nonprofit and voluntary sectors of industry. Focus is on acquiring a sound knowledge base pertaining to sponsorship opportunities, grants, campaigns (capital and annual), planned giving and corporate partnerships. In particular, the course addresses the most effective strategies for leveraging such affiliations so that organizations achieve their funding goals.
Prerequisite(s): ENTR2030 or EVNT2020 or HOSP2011 or SEE2020. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

SEE3075 Golf Club Design & Repair
The purpose of this course is to introduce the student to the art of golf club design and repair. Focus is on the technology and techniques involved, the correct processes by which clubs are properly designed and repaired, and the equipment currently available to custom design and repair in today’s industry. Custom design and repair lab setup as well as the establishment of a successful design and repair business are also discussed.
Offered at Denver, North Miami
3 Semester Credits

SEE3080 Golf Operations Management
This course introduces students to the role of management in golf facilities operations. The focus is on the administration of course procedures, tee times and retail space. Pro shop operations and the impact on customer and player relations are analyzed. Player performance analysis and instructional methodology are also discussed.
Prerequisite(s): MRKT1001.
Offered at Denver, North Miami
3 Semester Credits

SEE3085 Turfgrass Management
The purpose of this course is to introduce the student to the management of golf course turfgrass and landscaping. The focus is on the ecology of turf, maintenance operations, irrigation and the equipment necessary for course care. Pest and weed control management, chemical handling and the environmental impact of golf are also discussed.
Prerequisite(s): Junior status.
Offered at Denver, North Miami
3 Semester Credits

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
3 Semester Credits

SEE3120 Fitness and Wellness Center Management
This course focuses on the skills necessary to manage a fitness and wellness center. Emphasis is on the development and design of the facility layout, daily operations, and fitness/wellness programs located in private, public, corporate, hotel, resort, university and recreational facilities. Students learn program development skills necessary to operate and manage a fitness/wellness facility. A Directed Experiential Education (DEE) opportunity may be incorporated into this course. DEE opportunities are based on project availability with community partners and student eligibility. (OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

SEE3150 Television and Movie Production Management
Students examine the creative, organizational and managerial processes involved in the development, creation and promotion of film, television and other forms of visual media. Emphasis is on legal issues and agreements, scheduling, budgeting and all aspects of production management.
Prerequisite(s): SEE2030.
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

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. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

SEE3170 International Exhibitions & Events
This course is designed to give students practical experience in developing a trade show or exhibition with special emphasis on pre-planning, budget preparation, advertising and/or public relations and exhibit setup, including exhibit registration, booth accommodations and assignments, draping, audiovisual, programming and wrap-up. This course also has an experiential learning component.
Prerequisite(s): Sophomore status. (HY)
Offered at Charlotte, Denver, North Miami, Providence
3 Semester Credits

SEE3850 Negotiations and Agreements in Hospitality, Sports, Entertainment and Event Management
This course explores the theory and practice of negotiations within the sports, entertainment, event, hotel, tourism and food service industries. Topics include discussion and presentation of the skills necessary to be a successful negotiator of agreements and contracts within the hospitality industry domestically and internationally. This course also explores labor relations and articulates the union/management negotiation process, including collective bargaining.
Prerequisite(s): LAW2001 or LAW2005. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SEE4020 Sports and Entertainment Marketing
This course exposes students to marketing concepts relating to the sports and entertainment industries. It addresses various products, consumer markets, strategic market analysis and valuation within the sports/entertainment industries. Major topics include the negotiation process, promotions, public relations, market research and sponsorships.
Prerequisite(s): MRKT1001. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SEE4050 International Sports, Entertainment, Event and Venue Management
This course is designed to encapsulate the student’s sports, entertainment and event management academic experience. Students apply critical thinking and problem solving skills to current and potential sports, entertainment, event and venue industry issues. Emphasis is on applying managerial principles, professional communication and ethical practices within national and international venues and events.
Prerequisite(s): Junior status. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

SEE4060 Sports/Entertainment/Event Management Seminar
This senior-level course is designed to provide insight into the policy formulation and strategic management of recreation/leisure and sports/entertainment/event services. Utilizing case studies, realism is introduced into the classroom, improving the critical thinking and decision-making abilities of the student.
Prerequisite(s): Senior status. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits
SE6000 Event Leadership and Planning
This advanced course enables students to gain competence in the event management and planning process. Topics include research, design, planning, coordinating and evaluating events. Students gain knowledge of different event management models used by event leaders. Students also have the opportunity to assess the legal, ethical and risk management issues involved in the event management profession.
Prerequisite(s): Completion of required foundation courses. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SE6020 Event Operations & Risk Management
This advanced course enables students to gain competence in the specific risk management, risk operations, risk assessment, planning and evaluative techniques used by professional event leaders to mitigate risk proactively. Students gain knowledge in risk management, risk operations, risk assessment, avoidance, planning and control of risk associated with events, and explore methods for eliminating, reducing and transferring these risks to improve the successful outcomes of their events. Students gain proficiency in assessing risk operations, understanding the liabilities of conducting an event, contract law, contractual responsibilities in planning and implementing an event, either for one’s own organization, or acting as an agent on a fee-for-service basis.
Prerequisite(s): Completion of required foundation courses. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SE6040 Sustainable Event Management
This course is designed to explore the pillars of sustainable event management solutions and their impact on large-scale live events. Analysis of sustainable event management areas such as energy, transport, water, and waste supply chains and their impact on live events are investigated. The purchasing processes as well as the use of products with low carbon footprints and their impact on the live event are explored.
Prerequisite(s): Completion of required foundation courses. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SE6060 Negotiations for Event Management
This advanced course allows students to explore negotiation techniques in the event management process. Topics include sponsorship, sales, negotiations and contracting. Exposure to venue, food and beverage, speaker, and entertainment procurement, negotiations, contracting and management takes place. Examination is conducted on events, domestically and internationally, within both corporate and private sectors. This course also explores labor relations as it applies to event management. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SFS1001 Introduction to Food Systems
Introduction to Food Systems answers the question of “what is a food system” and the dynamics inherent in such a system, including investigations into how it operates and key issues in a social, political, economic and natural environment at multiple scales. The interdisciplinary course introduces students to the complexities of food systems at various scales and supply chains. The course studies production, processing, distribution, consumption, marketing, and disposal of food waste. It surveys public policy and the environmental health problems characteristic of food systems such as childhood obesity and malnutrition.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS2001 Introduction to Plant-based Cuisine
Students explore the historical and geographical foundations of the plant-based cuisine movement, as well as modern consumer and dietary trends. Learners also apply hands-on experiential learning in the kitchen to develop plant-based casual cuisine concepts and chef-driven dishes which meet consumer expectations. The compatibility of plant-based cuisine with the sustainability of the environment, people and the economy are examined, while myths and common stigmas are investigated.
Prerequisite(s): This course is reserved for special industry partner programs. (OL)
Offered at Online
3 Semester Credits

SFS2110 Culinary Science, Nutrition & Sensory Analysis
This course introduces students to the basic functions of ingredients, macronutrients and cooking processes. Students conduct experiments and think critically to compare, contrast and evaluate how ingredients change through the use of various cooking techniques. This course explores dietary guidelines, recipe modification, ingredient substitution, and problem solving in the kitchen. Emphasis is placed on the sensory evaluation of food, the development and use of sensory terminology, approaches to healthful plate design, and real-world restaurant applications.
Prerequisite(s): CUL1100, CUL1210, CUL1320, CUL1410 or (CUL1200, CUL1310, CUL1420). (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SFS2210 Cooking from the Farmstand
This culinary lab explores the farm-to-table movement, investigating the connections between public health and the local food system. Students create meals focused on wellness, authenticity, accessibility, appeal and traceability. Special topics include localizing the menu, menu decolonization, mindful eating, farm-to-table formats, and sustainable food production.
Prerequisite(s): CUL1100, CUL1210, CUL1320, CUL1410.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS2410 Growing for the Menu
Students explore agricultural approaches to food production to promote systemic changes in the food system and to foster an environmentally sustainable land ethic. While considering community food security, cultural foodways are studied as students apply menu and garden planning in the growing and production of food from farm to plate. Unsustainability within industrialized agriculture is researched while potential solutions are investigated.
Prerequisite(s): CUL1100, CUL1210, CUL1320, CUL1410.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS2411 Cooking for Resilient Foodways
This course offers a critical investigation into the cultural, social, economic and historical practices relating to production, preparation, consumption, and power struggles associated with food. Students explore local and global foodscapes to inspect the contemporary cultural and ethical ramifications of food choice, food advocacy, and social justice through cooking.
Prerequisite(s): CUL1100, CUL1210, CUL1320, CUL1410.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS3001 Sustainability in the Culinary Kitchen
This course defines and explores food sustainability through hands-on experiences with local food producers and artisans. It examines the roles and responsibilities of chefs and food service professionals as they relate to sustainable food systems. Students research the local, national, and global economic, agricultural, political and ethical issues regarding the sourcing, use and disposal of foods.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS3002 Ancient Grains & Hearth Breads
This course takes students on a baking journey from seed to loaf. Properties and characteristics of ingredients, the baker’s percentage system, and the fundamentals of yeasted bread production, including mixing techniques, controlled fermentation, and baking methodology are studied. Students culture their own naturally leavened sourdough starter for use in a bread of their own creation. The history and process of milling are examined, as well as today’s farmer/miller/baker relationships and role in society. Products include yeasted breads, naturally leavened breads, leavened and unleavened whole grain snacks and traditional baked goods reinterpreted with a whole grain emphasis.
Prerequisite(s): Completion of all freshman culinary labs.
Offered at Denver, North Miami, Providence
3 Semester Credits
SFS3144 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 on incorporating fresh fruits and vegetables, whole grains, and artisan products. Students explore extending the seasonality of desserts through food preservation. Fundamental and 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): SFS3001 (or concurrent), completion of all sophomore labs.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS3200 Plant-Based Cuisine
Daily production focuses on the types, preparation and nutritional aspects of plant-based foods, diets and cuisine ranging from vegetarian to meat-minimalist. Students investigate the reasons why people choose plant-based diets and how to market plant-based menu items. Topics include cultural and global perspectives, economics, health, growing conditions, farm-to-table cuisine, sustainability, and current industry trends.
Prerequisite(s): SFS3001 (or concurrent), completion of all sophomore labs.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS3300 Conscious Cuisine
Students employ techniques of advanced food preparation while researching, adapting, designing and producing full-flavored, locally sourced, sustainable recipes and menus. The ability to articulate how these dishes are connected to local farms, locally raised animals and surrounding waters is demonstrated. Food cost and food waste management are emphasized, including product use and cross utilization, such as snout-to-tail cookery, and the production of artisan charcuterie and condiment products.
Prerequisite(s): SFS3001 (or concurrent), completion of all sophomore labs.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS4001 Cultivating Local Food Systems
Students explore the correlation between food policy and its impact on a local food system, as well as apply sustainability principles through collaboration with local food-connected organizations. Emphasis is placed on building relationships within the community, and in exploring ecological and socio-economic impacts. Students investigate governmental, nonprofit and other organizations to evaluate the influence of sustainability concepts on their mission and work. Insight into food policy and food justice, combined with a comprehensive sustainability plan, afford students the ability to evaluate the vitality and the promotion of a local food system.
Prerequisite(s): SFS3001.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS4110 Health & the Harvest
Students explore the correlation between health, wellness and the vitality of a local food system. Emphasis is placed on designing full-flavored recipes and menus that align with current dietary guidelines, support the local food system and meet the expectations of today's consumer. Advanced techniques of nutritionally sound food preparation as reflected in current research are discussed and practiced.
Prerequisite(s): CUL3250 or SFS3001.
Offered at Denver, North Miami, Providence
3 Semester Credits

SFS4280 Capstone Seminar in Sustainable Food Systems
This capstone seminar is the culmination of the learning experiences and skills students have acquired throughout the course of their Sustainable Food Systems program. Students develop a research thesis and professional portfolio in preparation for practicing sustainable food system policy in a variety of professional settings and graduate school programs. The emphasis of this research/professional seminar is three-fold: 1) to support students in designing and making operational a research project, 2) to produce a portfolio and professional development plan, and 3) to write an effectively articulated research thesis. Students engage in ongoing peer-review and consultation sessions with the purpose of encouraging a resourcefulness-approach to professionalism and personal skills enhancement, both in future career and academic pursuits. Throughout the seminar, emphasis is on supporting students to conceive of and articulate the applicability of their acquired skills and program-related experiences to their developing career and future study.
Prerequisite(s): SFS3120, PSCI1001, SFS1001, (SFS3001 or CUL3250).
Offered at Denver, North Miami, Providence
3 Semester Credits

SMI1001 Introduction to Digital/Social/Mobile Media
This course introduces students to the history of digital, social and mobile media and the unique characteristics of each. Students gain an understanding of the development of marketing objectives and strategies using such media; identify best practices, advantages and disadvantages of each platform; review emerging technologies and trends; and understand metrics and how to analyze and evaluate data. Students are required to participate in a high level of interactivity with social, digital and mobile media networks, forums, digital bulletin boards, blogs, wikis and more. Based on case studies, students analyze and make recommendations for successful digital, social and mobile media strategies. (OL)
Offered at Online, Providence
3 Semester Credits

SMI2025 Introduction to Data Visualization
This course introduces students to the concept of data visualization. The course begins with an examination of the element of visual design and how it can effectively be used to present data. The psychology of human perception, decision-making and the identification of a target audience are explored. Students learn how to effectively use industry tools for live audience presentations. The fundamentals of storytelling are explored. Students learn the process of analyzing, shaping and presenting data for effective decision-making.
Prerequisite(s): FIT1040. (OL)
Offered at Online, Providence
3 Semester Credits

SMI4010 Senior Capstone I
This capstone course is the first of 2 courses which lead students through the assembly of a comprehensive presentation that demonstrates their mastery of social media and web technologies. With faculty guidance, students plan and execute a social media/web campaign which is analyzed for its effectiveness. Students present the action plan for a real product or service to a group of faculty and the client. In the final week(s) of the second course, students present and defend their work to a select group of faculty and the client.
Prerequisite(s): MRKT3085, senior status. (OL)
Offered at Online, Providence
3 Semester Credits

SMI4020 Senior Capstone II
This capstone course is the second of 2 courses which lead students through the assembly of a comprehensive presentation that demonstrates their mastery of social media and web technologies. From their social media/web campaign developed in Capstone I, students collect data and analyze its effectiveness. Students finalize their comprehensive presentation, which consists of the plan, execution, data collection methodology, analysis and conclusions/recommendations. In the final week(s) of the second course, students present and defend their work to a select group of faculty and/or clients.
Prerequisite(s): SMI4010, senior status. (OL)
Offered at Online, Providence
3 Semester Credits
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. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SOC2002 Macrosociology
This course explores the large scale patterns, processes and structures of social life. It does so through the examination of those institutions or social systems that comprise the central structure of society and which are essential to the survival of both individuals and groups. This course examines both how such institutions influence people's everyday life in a variety of societies, and also how the institutions are shaped by cultural, economic, historical and political forces that are increasingly intersecting and global in nature.
Prerequisite(s): SOC1001 or SOC2005. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SOC2005 Honors Seminar: Social Inequalities
Gender, race, class: Have you ever wondered about the extent of those inequalities today? How are inequalities accomplished and maintained? This Honors Seminar serves as an introduction to sociology with a focus on the inequalities of race, gender, and especially class. The operations of these inequalities are studied at both the micro, person-to-person level and the macro, institutional level. Students 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
3 Semester Credits

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
3 Semester Credits

SOC2012 Microsociology
This course investigates questions (such as, where does individual identity and behavior come from?) using microsociology, the study of both face-to-face interactions and also the processes of routinization and ritualization underneath them. Students learn that although each person is born into a culture of well-established symbols and structures, these abstractions are made of (and changeable via) interpersonal interactions, which run the gamut from socialization, to attraction, altruism, obedience, prejudice, deviance, and aggression. In all of them, microsociology inquires into people's motives as they reproduce, or dispute, meanings, power and knowledge.
Prerequisite(s): SOC1001 or SOC2005. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SOC2035 Sociology of Aging
Aging is a lifelong process that affects individuals, families and cultures across the globe. It encompasses a multitude of dimensions — physiological, emotional, cognitive, economic and interpersonal — that influence a person's physical and social well-being. This course examines aging from multiple perspectives and addresses the roles that individuals, families, service industries and government play in attempting to meet the needs of this growing population.
Prerequisite(s): SOC1001 or SOC2005. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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.
Offered at Denver, North Miami, Providence, Providence CE
3 Semester Credits

SOC2050 Cultures of Africa
This course gives students a grounding in the cultures of Sub-Saharan Africa. Students consider how the lives of Africans have been shaped by many forces: geographic, economic, religious, historical, political, linguistic and social. Students become more familiar with many Sub-Saharan African cultures by examining films, television programs, literature and newspapers from around the continent, in addition to more traditional academic sources.
Offered at Charlotte, Providence, Providence CE
3 Semester Credits

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
3 Semester Credits

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. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SOC2100 Sociology of the Family
This course introduces students to the sociological investigation of the core institution of family. Emphasis is on social, cultural, political and economic forces on family systems and to changes in family life and family structure both in the United States and globally.
Offered at Denver, Providence
3 Semester Credits

SOC2620 Classical Sociological Theories
This course introduces students to the intellectual, social and foundational history of sociology in the major historical transformation of the eighteenth through early twentieth century, primarily in Europe and the United States. Topics include sociological theory, a theory's value and how one might evaluate it. This course sets the stage for students moving on to study contemporary sociological theories and their various forms of expression.
Prerequisite(s): SOC1001 or SOC2005, any other SOC-designated course. (OL)
Offered at Denver, Online, Providence
3 Semester Credits
SOC3020 Culture and Food
This course is on the sociology of food. Students think and rethink the place of the human experience and consider topics such as how food and gender intersect, symbolic group boundaries affect how people eat and drink, and cultures share and adapt each other's foods. Students explore how the discipline of sociology examines food as a cultural and social artifact and the role that it plays in societies today.
Prerequisite(s): ENG1020 or ENG1024 or French Placement or SOC1001 or SOC2005. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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, attendance 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
3 Semester Credits

SOC3060 Deviant Behavior
The purpose of this course is to provide students with a clear understanding of the nature and meaning of deviance. Students learn what is considered the norm in society, what is outside the norm, and how each is relative in nature. Theoretical explanations, cross cultural references and in depth analyses of deviant behavior are studied from the three dominant sociological paradigms. Who defines deviance, what is deviant, why deviance persists, the effect of labels, and the personal and social effects of deviance are discussed.
Prerequisite(s): SOC1001 or SOC2005. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

SOC3100 Sociology of Race and Ethnicity
This course confronts the questions of whether every person has both a race and an ethnicity, if these 'memberships' matter more in some people's lives than others, and why there is conflict sometimes about what the groups are and who belongs where. Focus is primarily on the United States, but global processes and practices by which societies invent, produce, reproduce and transform cultural ideas, traditions, rituals, practices and meanings across spaces, time and generations. Students examine cultural production through the variety of modes in which culture is created, practiced and informed, including art, dance, film, music, street art, television and video production, as well as writing. This approach allows culture to be read as a social text that guides behavior, but provides a view into the ways in which cultures see and express their world.
Prerequisite(s): SOC1001 or SOC2005.
Offered at Denver, Providence
3 Semester Credits

SOC3200 Environmental Sociology
This course explores the relationships between society and the environment. It investigates how sociologists and others analyze human-nature interactions. Focus is on how environmental factors such as regional climate change, toxins, availability of resources and natural disasters have shaped social phenomena and how human activities have impacted biological systems and the physical environment. Students investigate the social structures and institutions in our society affecting environmental quality at the local, national and global levels. This course also assesses relevant characteristics of society such as intersecting inequalities, types of environmental movements and social change.
Prerequisite(s): SOC1001 or SOC2005. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SOC3300 Gender in Global Perspective
This course explores the ways in which gender is distinctly socially constructed in societies and places across the globe. Emphasis is on the social factors that shape gender relations and make ideas about gender different in one place from another. Exploring how the elements of everyday life and society interact (culture, economics, politics, history and religion), this course investigates the performances of gender roles and the expectations that align with them. The social construct of the binary idea of gender is challenged in human terms, from both biological and socio-cultural perspectives. This course also uses case studies of various gender relations internationally to explore the many contexts in which ideas, scripts and performances of gender occur.
Prerequisite(s): SOC1001 or SOC2005.
Offered at Denver, Providence
3 Semester Credits

SOC3400 Producing Culture, Societies and Selves: The Sociology of Culture in Global Perspective
This course provides students with the opportunity to explore the social processes and practices by which societies invent, produce, reproduce and transform cultural ideas, traditions, rituals, practices and meanings across spaces, time and generations. Students examine cultural production through the variety of modes in which culture is created, practiced and informed, including art, dance, film, music, street art, television and video production, as well as writing. This approach allows culture to be read as a social text that guides behavior, but provides a view into the ways in which cultures see and express their world.
Prerequisite(s): SOC1001 or SOC2005.
Offered at Denver, Providence
3 Semester Credits

SOC3620 Contemporary Sociological Theories
This course extends the work completed in SOC2620 Classical Sociological Theories with a focus on sociological theory from the latter half of the twentieth century into the twenty-first. Emphasis is on the varieties of sociological expression that have emerged and solidified in connection with empirical research. Additionally, attention is given to the social and intellectual contexts of sociological theorizing. Focus is on the viability of the much-touted “sociological imagination” in the present context.
Prerequisite(s): SOC2620. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SOC3720 Intersecting Inequalities
This course is a study of how intersectionality (the new intellectual tradition of considering class and race and gender not separately, but simultaneously) can enrich both theory and research for all of us. Topics include how sociology has always been concerned with economic inequality, and more recently with inequalities of race-ethnicity and of gender.
Prerequisite(s): SOC3620. (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SOC3850 Research Applications and Interventions
This course documents many instances of research helping to advance social well-being and justice, as well as instances when social science has been used to support misery and injustice. Students develop a cautious and well-informed approach to maximizing positive impacts in the research they use and conduct. After completing this course, students are prepared to conduct their own original research in the Sociology Capstone course.
Prerequisite(s): SOC1001 or SOC2005, RSCH2050. (OL)
Offered at Online, Providence
3 Semester Credits
SOC4900 Capstone in Sociology
In this senior capstone course, students synthesize together their knowledge of theories and research methods with topical knowledge at both the micro and macro levels. Following their individual areas of interest, each student designs and conducts an original research project. Students share peer feedback, then build professional skills with final presentations. Throughout, in accordance with the stated outcomes of the major, college and university, the seminar strengthens students’ sense of themselves as positive community members, and their competencies in communication, reasoning and problem-solving.
Prerequisite(s): SOC3850, junior status. (OL)
Offered at Providence
3 Semester Credits

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
3 Semester Credits

SPAN1002 Conversational Spanish II
This lower, intermediate-level course is designed to further develop conversational ability by expanding both the vocabulary and the exposure to Spanish-speaking cultures. Emphasis is on advanced verb forms and idiomatic expressions.
Prerequisite(s): SPAN1001 or language placement. (OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

SPAN2001 Conversational Spanish III
This proficiency-based course is designed for students who are at the ACTFL Novice Mid proficiency level in Spanish. This course requires active participation from students as they develop their skills in written and oral communication and reading and listening comprehension. Students learn at least 250 new vocabulary words, foundational grammar and basic verb tenses, and reach an ACTFL Novice High proficiency level. Students are introduced to the culture and geography of the Hispanic-speaking world.
Prerequisite(s): SPAN1002 or language placement. (OL)
Offered at Denver, Online, Providence, Providence CE
3 Semester Credits

SPAN2020 Spanish Language Immersion
This course, delivered overseas by international language institutes, is designed to develop both fluency in the target language and an in-depth understanding of the historical cultural contexts in which the language is spoken. Students will acquire vocabulary through classroom lectures, discussions, required excursions and activities. Students also partner with native speakers of the target language to improve comprehension and communication skills.
Offered at Charlotte, Denver, North Miami, Providence
6 Semester Credits

SPEDS110 Inclusive Teaching of Exceptional Learners
This course examines the theoretical perspectives, general procedures, federal law and Rhode Island regulations of educating students with exceptionalities in today’s schools. Special attention is given to the inclusion of students with exceptionalities in the regular classroom to ensure access to high quality teaching and learning. Parent involvement and advocacy are examined. Participants gain experience and understanding that inclusive practices are intricate and collaborative work through their lab experience and course content. Participants gain knowledge of the characteristics and needs of all students, including gifted and talented students and those from diverse backgrounds.
Offered at Providence
3 Semester Credits

SPEDS120 Assessment and Evaluation of Exceptional Learners
Teacher candidates learn the steps in the special education referral and evaluation process as delineated by federal and state regulations. Students use methods and tools of structured observations, determine appropriate assessments, present and discuss test results as part of an evaluation team, and collaboratively develop an Individualized Education Plan (IEP) for students with disabilities, including vocational opportunities for secondary students. Participants learn the role of the special educator as advocate throughout these processes and the necessity of maintaining confidentiality. Use of informal strategies (i.e., running records, IRI, analysis of writing and work samples) is emphasized as part of a comprehensive, problem-solving and decision-making evaluation system that systematically monitors student progress. Students employ technology and formal and informal assessment measures to determine eligibility and to develop the IEP.
Prerequisite(s): SPEDS110.
Offered at Providence
3 Semester Credits

SPEDS150 Curriculum and Methods for Exceptional Learners
Students in this course learn to develop and implement Individual Education Plans (IEPs) for K–12 students. Teacher candidates use data and team participation to develop a legally compliant, effective IEP to ensure each student is provided a Free Appropriate Public Education (FAPE) in their Least Restrictive Environment (LRE). Teacher candidates develop the tools necessary to provide services to implement the IEP in a variety of settings. They learn to adapt curriculum, materials, instruction and environments to meet the individual needs of each of their students. They also learn methods to collect data to monitor student progress toward IEP goals and to report that data to parents.
Prerequisite(s): SPEDS120.
Offered at Providence
3 Semester Credits

SPEDS310 Partnerships: Home, School, Community
This course prepares participants to effectively collaborate with families, educators, related service providers, and personnel from community agencies in culturally responsive ways, particularly as it relates to the IEP process. Participants are taught to focus on the role of the family as addressed by federal and state laws and to work through the special education process of referrals, evaluations, Individual Education Plans (IEPs), and transitions of individuals with exceptional learning needs. Participants explore and develop transition plans for students with exceptionalities and they learn the role of the special educator as student advocate and facilitator of collaboration. An important focus of the course is to identify effective strategies to enhance communication and collaboration among families, school staff and community resources.
Prerequisite(s): SPEDS120.
Offered at Providence
3 Semester Credits

SPEDS610 Understanding and Managing Behavior in a Diverse Classroom
This course examines the fundamentals of classroom management and student behavior that are critical to successful learning environments, social interactions and student achievement. The course presents research and effective strategies for developing and maintaining appropriate standards of behavior, classroom organization, management, and optimal use of learning time. Additionally, it addresses the social, emotional and behavioral aspects of working with exceptional learners. A range of social, emotional, behavioral and psycho-educational theories and interventions are examined and discussed.
Prerequisite(s): SPEDS120.
Offered at Providence
3 Semester Credits
SPED6400 Specialized Instruction
This course explores research-based and data-driven instructional methodologies and approaches to address the unique needs of exceptional learners. Providing an appropriate education to children with exceptional needs is a responsibility addressed and defined in the 2017 Endrew F. Supreme Court decision. Participants learn how to connect student assessment data, IEP goals and objectives, high-leverage instructional practices and ongoing progress monitoring to ensure meaningful progress toward achieving grade-level standards in an inclusive (or otherwise least restrictive) setting. Special attention is given to instruction in reading, writing and mathematics. Participants review case studies to determine, plan, implement and monitor the effectiveness of specialized instruction in the practicum setting under the supervision of certified professional staff. A comprehensive review of available online and other professional resources to guide instructional decisions is also explored.
Prerequisite(s): SPED5150.
Offered at Providence
3 Semester Credits

SPED6915 Student Teaching Part 1: Elementary Special Education
Students in this course spend 30 school days in a special education teaching situation at a public elementary (grades 1–6) or middle school (grades 4–6) site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the certified school site clinical special educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, Council for Exceptional Children (CEC) Standards, and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.
Prerequisite(s): SPED5150.
Offered at Providence
3 Semester Credits

SPED6925 Student Teaching Part 2: Elementary Special Education
Students in this course continue the Student Teaching Part 1: Elementary Special Education placement in a supervised teaching situation at a public elementary (grades 1–6) or middle school (grades 4–6) site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, Council for Exceptional Children (CEC) Standards, and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.
Prerequisite(s): SPED6915.
Offered at Providence
3 Semester Credits

SPED6935 Student Teaching Part 1: Secondary Special Education
Students in this course spend 30 school days in a supervised teaching situation at a public secondary school site. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site clinical special educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, Council for Exceptional Children (CEC) Standards, and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.
Prerequisite(s): SPED5150.
Offered at Providence
3 Semester Credits

SPED6945 Student Teaching Part 2: Secondary Special Education
Students in this course continue the Student Teaching Part 1: Secondary Special Education placement in a supervised teaching situation at a public secondary school site for an additional 30 school days. During student teaching, students plan and implement lessons and perform other related tasks under the supervision of the school site certified clinical educator, university supervisor and professional M.A.T. program staff. Through their work at the school site, students demonstrate their understanding of the Rhode Island Professional Teaching Standards, Council for Exceptional Children (CEC) Standards and applicable content standards, as well as any other professional standards or guidelines in force in the field. Periodic evaluations and specific feedback guide the learning. From time-to-time, students participate in ad hoc seminars related to their student teaching experience. Note: In order to fully meet program requirements, students must complete both Part 1 and Part 2 of this placement.
Prerequisite(s): SPED6935.
Offered at Providence
3 Semester Credits

SPL5100 Sports and Entertainment Venues & Events, Development and Management
This graduate-level course focuses on the leadership required to develop and effectively manage entertainment and sports venues and events, as well as analyze and successfully implement best practices required in a uniquely time sensitive environment. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SPL6010 Finance and Revenue Generation in Sport
This course reviews revenue generation, skills and techniques needed to succeed in the ever-changing industry of sports. The course focuses on advanced sport sponsorship design and strategies in addition to a comprehensive overview of the revenue generating streams of ticket sales, concession sales and merchandise sales for various sport organizations. The course also offers a conceptual framework for the planning, development, management and implementation of sport fundraising events. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SPL6030 Global Issues in Sport Leadership
This upper-level graduate course explores sociological concepts of how sports and sport participation impact the lives of individuals and groups in a society. Students explore several significant contemporary sport sociology issues, including drug abuse, race, ethnicity, gender inequity, ethics, gambling and violence. To increase their sociological understanding of sport, students identify and discuss sociological perspectives about the components of sport and physical activity. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SPL6050 Contemporary Leadership Strategies in Sport
This course investigates leadership strategies in sport. Focus is on leadership theories and practices and their applications to the sport industry. The content of the course includes an exploration of problem solving, serving in leadership positions and training others to serve in sports organizations. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SPL6070 Effective Communication Strategies in Sport
This course focuses on implementing effective communication strategies when leading an organization within the sports industry. Emphasis is placed on the variety of communication methodologies and vehicles that can be leveraged to create positive results when leading a sports organization. This course examines both internal and external communications strategies aimed at achieving positive results within a fast-paced and continually shifting global sports community. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits
SPL6120 Diversity and Social Responsibility in Sport
This course explores common questions and issues about sport and its relation to society through various sociological and cultural lenses. The course provides the foundations for examining the multifaceted roles of sport and physical activity in society and for studying sport from a critical perspective. Students also understand and evaluate the sociocultural issues raised by sport and relate these themes to their own lives. Through this in-depth examination of sociocultural issues, students are able to understand and appreciate the development of sport as a part and reflection of the development of society. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SPL6150 Advanced Marketing Methods in Sport
This course focuses on the techniques for formulating strategic marketing and promotional applications for a diverse array of sports organizations. Emphasis is placed on the use of analytics as well as both quantitative and qualitative data to drive key business decisions. Topics discussed include licensing rights, sales proposal development, sponsor solicitation, new business development, endorsements and merchandising, commercialization of technology and corporate partnerships. Students examine case studies in order to discern key marketing concepts and strategies.
Prerequisite(s): 15 credits completed in Sport Leadership major courses. (HY) (OL)
Offered at Denver, North Miami, Online, Providence
3 Semester Credits

SPM1001 Introduction to Sport Management
This course introduces students to the sports management industry. Emphasis is on the historical development, organizational structure, use of segments of the sports industry, and career opportunities that exist within the sports management industry. The course is also designed to provide first-year and transfer students in the Sports Management program with educational experiences and information about university resources and academic tools available to them that will help support academic success at JWU. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM1020 Managing Sport Events
This course is designed to familiarize students with principles and practices related to effective sport event management. The coursework approaches sport event management from a practical standpoint, integrating theory to support suggestions for practice while students move through the entire process of organizing sport events, from event conception through post event evaluation. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM1040 Principles of Sport Management
This course provides a comprehensive overview of management topics with an in-depth focus on how to manage sport organizations. Thorough coverage of the principles of management concepts, combined with robust sport applications and exercises, develop sport management skills which students can use in both their personal and professional lives.
Prerequisite(s): SPM1001 (or concurrent). (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM2012 Intercollegiate, Amateur and Olympic Sports
This course explores the history, business, structure, philosophy, and issues/trends of intercollegiate, amateur and Olympic sports. Focus is on acquiring knowledge pertaining to events, legal and ethical aspects, current trends/issues, venues, and economics of intercollegiate, amateur and Olympic sports. Course content focuses on the comprehensive nature of intercollegiate, amateur, youth, recreational, interscholastic and Olympic sports.
Prerequisite(s): Sophomore status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM2220 Professional Sport Management
This course focuses on the management and issues related to professional sports enterprises. Emphasis is placed on the theoretical foundations of professional sports and the application of management principles in the industry.
Prerequisite(s): Sophomore status. (HY) (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence
3 Semester Credits

SPM3002 Economics and Finance of Sport
Economics and financial markets impact all areas of sport. Students explore the relationships that exist between economics and the business aspects of sport. Topics include attendance and attendance modeling, salary structure and salary caps, and financing stadia. The course also investigates private-versus-public financing of sports teams and venues.
Prerequisite(s): Junior status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM3031 Sport Compliance, Governance and Regulation
This course explores the myriad of rules and regulations in sport, and how the role of compliance affects sport organizations. Students learn how sport industry professionals help shape, react to, and operate under the regulatory structures of various sport organizations. Emphasis is placed on investigation of NCAA and North American professional sport organizations.
Prerequisite(s): LAW2001 or LAW2005. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM3040 Global Perspectives of Sport
Sports extend beyond the United States and national boundaries. This course explores sport from a global perspective by examining various national sport cultures. Students investigate sport participation from around the globe from business, societal, and economic perspectives. Other international sporting events and venues are explored.
Prerequisite(s): Junior status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM3050 Managing Sport Organizations
This course introduces students to the theory and practice of managing sports organizations. Students examine a range of strategic human resource management approaches that can be used by sports organizations to respond to contemporary challenges and to develop a sustainable performance culture.
Prerequisite(s): Sophomore status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM4010 Sport Marketing & Analytics
This course exposes students to marketing concepts relating to the sports industry. It addresses various products, consumer markets, strategic market analysis and valuation within the sports industry. The course also looks at the use of analytics for the purposes of marketing and sales in the sports industry.
Prerequisite(s): Junior status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM4030 Sport in Contemporary Society
Sports are integrated into society, consumed by spectators and participants around the world. How did sports become so important? This course examines the cultural, social, political, philosophical and psychological aspects of sport history. Students identify, examine and evaluate the role of sport in contemporary society.
Prerequisite(s): Junior status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits

SPM4060 Innovative Leadership in Sport
This senior-level capstone course is designed to equip students with contemporary, ethical and innovative leadership strategies in sport. Students gain insight into a variety of leadership styles and competencies that will aid in positioning themselves to assume leadership roles in the sport industry. Students gain a comprehensive understanding of strategies to improve leadership aptitude, including creative problem solving, communicating effectively, managing conflict, inspiring collaboration and teamwork, and shepherding the development of sport organizations.
Prerequisite(s): Senior status. (HY) (OL)
Offered at Denver, Online, Providence
3 Semester Credits
TAP1001 Talent Advancement Program Fundamentals I
The Talent Advancement Course helps students create greater success in college and in life. During the course, students learn many proven strategies for creating greater academic, professional and personal success. Students learn methods to help them gain confidence in order to develop natural inner strengths that lead to making Wise Choices. The accumulation of these Wise Choices helps create the outcomes and experiences necessary for success in college and in life. TAP has a collaborative learning environment. Students are highly involved in daily class activities and structured exercises. This may include small group discussions, guest speakers, individual and group activities, projects, and oral presentations. Active student participation is essential for class success.
Offered at North Miami
2 Semester Credits

TAP1005 Talent Advancement Program Fundamentals II
The Talent Advancement Program Fundamentals II course is designed to build on and reinforce the strategies and principals introduced in The Talent Advancement Program Fundamentals I course. Students focus on the principles of self-management and interdependence, examining more complex situations. Reflection and critical thinking are used to create a portfolio, adapting goal-setting and lifelong learning patterns.
Prerequisite(s): TAP1001.
Offered at North Miami
1 Semester Credit

TECX4099 College of Engineering & Design Internship
This course allows students enrolled in the College of Engineering & Design the opportunity to engage in experiential learning to integrate knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Through this internship, students gain valuable applied experience and have the opportunity to make connections within their chosen field/industry. Additionally, students gain firsthand experience with the challenges, nuances and everyday expectations associated with a variety of functions within the workplace. Through the internship and reflective assignments, students gain greater insight regarding their own career-readiness and what is required for success in their chosen profession.
Prerequisite(s): To be eligible for this internship, students must: 1) maintain a 2.75 cumulative GPA during the entire pre-program application process and 2) have completed 90 hours of coursework. (OL)
Offered at North Miami, Online, Providence
3-12 Semester Credits

TECX4190 Technical Solutions Design Project
The Technical Solutions Design Project offers students an intensive, semester-long, project-based experiential learning opportunity conducted under the supervision of a faculty member. Experiences are driven by a design idea or technical problem resolution to create and complete a functional product or project. Students work independently on a design or technical problem resolution or in project teams to apply acquired discipline-specific skills and knowledge, develop leadership and collaborative abilities and refine critical thinking, problem solving skills and project management skills. Students submit their work for regular phase reviews on specific time schedules to monitor project progress, quality and functionality. This course is one of several options in the College of Engineering & Design for students to fulfill their experiential education requirements.
Prerequisite(s): Junior status, Department Chair Approval.
Offered at North Miami, Providence
3 Semester Credits

TRVL1105 Adventure, Sport and Nature-Based Tourism
This course provides the student with a solid foundation of knowledge related to adventure, sport and nature-based tourism and focuses on key considerations necessary for its implementation. The course offers an opportunity for a field project.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

TRVL2040 Travel Sales Management
This course emphasizes service as an integral part of the selling process. The reciprocal relationship between selling and service is presented within the context of the total travel sales effort.
Prerequisite(s): FSM1001 or HOSP1001 or SEE1001.
Offered at Providence, Providence CE
3 Semester Credits

TRVL2801 World Geography for Tourism and Hospitality
This course is designed to provide the student with the knowledge and skills necessary to work and travel in a global environment. Students explore both current and emerging destinations from around the world. The course discusses the cultural, recreational and social significance to the traveler and the economy. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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
3 Semester Credits

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
3 Semester Credits

TRVL3020 Ecotourism
This upper-level course explores an emerging dimension of tourism: ecotourism. Students investigate the impact of specific environmental issues on tourism, including water pollution, air pollution, habitat destruction, etc., and focus on the impact of tourism on the physical, biological and cultural environment. The role of the tourism industry as it relates to the provision of ecotourism experiences is also discussed.
Offered at Charlotte, Denver, North Miami, Providence, Providence CE
3 Semester Credits

TRVL3030 International Policies of Tourism
This intermediate-level course is designed to provide the student with an increased understanding in the area of international tourism development. Emphasis is placed on the definitive study of the essential components for a successful national tourism program.
Prerequisite(s): TRVL3010. (OL)
Offered at Charlotte, Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

TRVL3035 Tour Management Operations
This course is designed for students planning careers in tour guiding or tour operations. Topics include tour operations, components of a tour, tour management positions, characteristics of professional tour guides, the psychology of tour management and internal communications. The culmination of this course is a tour to a selected international destination, where each student researches, negotiates and develops a highly anticipated journey.
Prerequisite(s): TRVL3010, junior status. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

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 of the airport owners, local community, airlines as users and the flying markets.
Prerequisite(s): Sophomore status.
Offered at Providence
3 Semester Credits

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
3 Semester Credits
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
3 Semester Credits

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
3 Semester Credits

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
3 Semester Credits

TRVL3233 Cruise Entertainment & Activities Planning
This course is designed to provide students with the knowledge of the entertainment and activity programs offered on-board cruise ships. The emphasis is on how various cruise lines develop, plan, implement and manage programs while providing the highest level of entertainment to a diverse audience. This course examines the unique recruitment and hiring strategy for on-board positions. The wide variety of events and activities for guests of all ages, including youth activities, production shows, educational activities and sports and recreation events are discussed along with strategies for implementation. Prerequisite(s): TRVL3080, junior status.
Offered at North Miami
3 Semester Credits

TRVL3801 Special Topics in Adventure Resort Management
This course provides the student with a solid foundation of knowledge related to the Adventure Resort and focuses on all aspects of operation and program development. The course offers an opportunity for a field project. Students are required to participate in all off-campus activities with the designated industry partners. Offered at Denver, North Miami, Providence, Providence CE
3 Semester Credits

TRVL4010 Tourism Economics
This upper-level course explores the role of economics in tourism development. Macroeconomic and microeconomic theory are applied to problems of community resource allocation. Particular attention is paid to the problems of multiple use of community resources and to the conflicts between private and public goals. Prerequisite(s): TRVL3010. (OL)
Offered at North Miami, Online, Providence
3 Semester Credits

TRVL4011 Destination Management Organization
This course integrates the administrative functions of a destination management or marketing organization (DMO). The interrelationships of operations, marketing and finance are analyzed and evaluated. A Directed Experiential Education (DEE) opportunity may be an integral part of this course. DEE opportunities are based on project availability with community partners and student eligibility. Prerequisite(s): HOSP3053 or MRKT1001. (OL)
Offered at Denver, North Miami, Online, Providence, Providence CE
3 Semester Credits

TRVL4035 Leading an Adventure Experience
This course is designed for students planning careers in adventure, outdoor recreation, sport and ecotourism operations. It equips students with the skills and knowledge to successfully plan, manage and execute an outdoor adventure travel experience. Topics include leadership strategies, risk management, health and wellness, best practices, customer relations, and sustainable practices. Students develop and lead an adventure experience during the course that incorporates these key skills and concepts. Prerequisite(s): TRVL3035.
Offered at Denver, Providence
3 Semester Credits

TRVL4044 Advanced Cruise Operations
This course is designed to provide students with a hands-on learning opportunity within the cruise industry focusing on shore side operations and the on-board experience. Students observe and evaluate shore-side, port services and cruise operations through industry partners where they explore and apply operational and programmatic components of leadership on a cruise. Students learn how to apply theory to the cruise setting, including risk management, budgeting, leadership and group dynamics. Prerequisite(s): TRVL3081, junior status. (HY)
Offered at North Miami
3 Semester Credits

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 improve the understanding of the strategic planning process, critical thinking and decision-making capabilities of the student. Prerequisite(s): ACCT3150 or FISV2000, HOSP3053 or MRKT1001. (OL)
Offered at North Miami, Online, Providence, Providence CE
3 Semester Credits

TRVL5010 Tourism Principles and Foundations
This course focuses on major concepts, principles and theories in the tourism industry. Special attention is given to the social, economic and environmental impacts of the tourism industry. The course covers a broad range of topics that relate to the industry, its stakeholders and constituents that shape the nature of the tourism industry and are affected by it. (OL)
Offered at Online, Providence
3 Semester Credits

TRVL5030 Financial Concepts in Sustainable Tourism Development
This course focuses on major concepts, principles and theories in the field of sustainable tourism development. Students examine financial strategies and determine their viability to the economic development of a destination. Financial terminology and concepts are examined and applied to a real life situation. (OL)
Offered at Online, Providence
3 Semester Credits

TRVL5050 Foundation of Consulting for the Tourism Industry
This course explores the theories of consulting as well as the roles and responsibilities of the consultants. Special attention is paid to the different strategies that may be used in the consulting process. The application of ethical strategies is evaluated and analyzed. Strategies that ensure sustainable growth are evaluated during the term. An assessment of the conditions that determine the need for internal or external consultants are evaluated as well. (OL)
Offered at Online, Providence
3 Semester Credits

TRVL5070 Global Tourism Marketing and Branding
This course focuses on major concepts, principles and theories in the marketing of tourism products and services. Students focus on the different techniques used in the creation and maintenance of tourism brands. Students analyze marketing concepts and theories involved in the creation of annual and longer term marketing and branding plans. (OL)
Offered at Online, Providence
3 Semester Credits
TRVL5120 Planning for Ethical and Sustainable Tourism Development
This course focuses on major concepts, principles and theories in the field of ethical economic and sustainable tourism development. This course is designed to assess the involvement of stakeholders in the development of tourism destinations. Students analyze the role of stakeholders in an effort to minimize the negative effects of tourism. Strategies to ensure economic growth and long-term sustainability of tourism development are analyzed and applied. (OL)
Offered at Online, Providence
3 Semester Credits

TRVL5140 Product Development and Innovation in Sustainable Tourism — Shared and Experience Economics
This course focuses on major concepts, principles and theories in the successful development of tourism products. This course investigates feasibility and the potential for successful development of new tourism products. Life cycle of existing products are assessed with the goal of extending it for longer than the usual cycle. New products are evaluated for their ability and inability to sustain their appeal for the long run. Trends in tourism product development, and "shared" and the "experience" economy are examined. (OL)
Offered at Online, Providence
3 Semester Credits

TRVL5210 Tourism Economics
This course examines the role of economics in sustainable tourism and economic development. Macroeconomics and microeconomics are used to analyze and explain economic activities and scenarios in the tourism industry. Course content includes the relationship between supply and demand, consumer behavior and government economic policies, and their impact on the tourism industry. Emphasis is placed on the role of government in facilitating tourism and economic development. (OL)
Offered at Online, Providence
3 Semester Credits

TRVL6100 Applied Research Methods in Sustainable Tourism Development
This course focuses on major concepts, principles and theories in tourism research. Literature analysis, data collection, analysis of data and producing a report are discussed. This course prepares students to engage in case analysis and evaluate past and current scenarios in quantitative and qualitative research methods. (OL)
Offered at Online, Providence
3 Semester Credits

TRVL6140 International Tourism Development, Economic Issues and Strategic Solutions in the Developing World
This course is designed to encompass all the principles, theories and policies that are utilized when facing developmental issues. Current conditions and challenges facing the development developing world are analyzed. Formulating new strategies and analyzing existing strategies require students to become familiar with current conditions in the developing world. (OL)
Offered at Online, Providence
3 Semester Credits

TRVL6180 International Sustainable Tourism Policy Analysis and Development
This course incorporates analysis of local, state, country and international tourism policies. Focus is on research, date collection and the formulation of tourism policy. Emphasis is given to the similarities and differences among the variety of tourism policies and their impact on the industry, community and other industry stakeholders. Major trends and challenges for policy creators are examined. (OL)
Offered at Online, Providence
3 Semester Credits