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GRADUATE CATALOG

Date of Publication: August 2021

Applicability of Catalog
The information outlined in this Catalog does not constitute a contract between Monmouth University and any student. The information in this Catalog also does not constitute an unconditional promise of any kind. Monmouth University reserves the right, in its sole judgment, to make changes to any policy, procedure, academic program, curricular information, class schedules, class delivery method, class content or available courses, tuition and/or fees, and any other published information including, but not limited to, a change in faculty assigned to teach a class without prior notice. If Monmouth University makes changes, it may provide for alternatives when reasonably practical under the circumstances.
MISSION STATEMENT OF MONMOUTH UNIVERSITY

Monmouth University is an independent, comprehensive institution of higher education committed to excellence and integrity in teaching, scholarship, and service. Through its offerings in liberal arts, science, and professional programs, Monmouth University educates and prepares students to realize their potential as leaders and to become engaged citizens in a diverse and increasingly interdependent world.
RESPONSIBILITIES AND POLICIES OF THE UNIVERSITY

Responsibility of the University

The programs and/or requirements set forth in this catalog are subject to change without notice. Any modification in the programs and/or requirements shall be made at the discretion of the administrative officers of Monmouth University whenever such action is deemed necessary.

Equal Opportunity, Harassment, and Nondiscrimination Statement

Monmouth University supports equal opportunity in every phase of our operation including recruitment, admission, educational programs, and employment practices of recruitment, hiring, promotion, reclassification, transfer, compensation, benefits, termination, layoff, and return from layoff, social and recreational programs and any other aspects of education or employment. The University does not discriminate on the basis of race, color, creed, ancestry, national origin, nationality, sex (including pregnancy and sexual harassment), affectional or sexual orientation, gender identity or expression, atypical hereditary cellular or blood trait, genetic information, marital status, domestic partnership or civil union status, age, liability for military service, protected veteran status, or status as an individual with a physical or mental disability, including AIDS and HIV-related illnesses or any other protected category under applicable local, state, or federal law. The University also complies with all major federal and state laws and executive orders requiring equal employment opportunity and/or affirmative action.

Monmouth University affirms the right of its faculty, staff, and students to work and learn in an environment free from discrimination and harassment, including sexual harassment, and has developed procedures to be used to resolve discrimination or sexual harassment complaints. A copy of the University-wide policy on discrimination and harassment, including sexual harassment, which describes the procedures for resolving such complaints, may be obtained from the Director of the Office of Equity and Diversity located at: 400 Cedar Avenue, Great Hall, Room 304, West Long Branch, NJ 07764, Phone: (732) 571-7577, Fax: (732) 263-5140.

Additionally, inquiries may be made externally to: Office of Civil Rights (OCR), U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-1100. Customer Service Hotline Phone: (800) 421-3481, Fax (202) 453-6012, TDD: (877) 521-2172, by E-mail (OCR@ed.gov) or on their Web site (http://www.ed.gov/ocr/).


Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act of 1974 (FERPA) establishes the right of all students to limited access to certain records and information; to review, seek correction of, and add explanations to records; and to receive a hearing on allegations of violations. The University may not require a waiver of these rights in its admission, academic, or service requirements.

Information such as grades, financial records, and financial aid records may be released to parent(s) of Monmouth University students who are dependents of their parents as defined by the Internal Revenue Service (IRS). To establish parents’ eligibility to receive such a disclosure, the University must first obtain a copy of the parents’ most recent tax return (at least the first page where dependents are listed, the financial portions may be redacted). If you have any questions regarding proof of such dependency, you may contact Monmouth University’s Office of the General Counsel at (732) 571-3598. The student may also elect to grant access to academic information such as grades, financial records, and financial aid records to their parent(s) by completing a "FERPA Waiver Release" form from their e-FORMS account which is accessible from the Monmouth University student portal, myMU. Students may also elect to grant their parent(s) or another person proxy access to their grade reports (view only) using the Grades Self-Service (https://wlbsssweb-01.monmouth.edu/Student/PersonProxy/) feature, which is also accessible from the student portal, myMU.

A copy of Student Records Policies and Procedures for Monmouth University, developed in support of the Family Educational Rights and Privacy Act, may be obtained from the Office of the General Counsel’s Web page (https://www.monmouth.edu/general-counsel/ferpa/).

Directory Information

The following information may be released by the University without the student’s permission unless the student states that they do not want their directory information released. The student must submit this request using the FERPA - Do Not Disclose e-FORM. The “Do Not Disclose” will remain in place indefinitely unless the student submits a written request to have it removed.

- Address
- Biographical data for public relations purposes
- Birth date
- Birthplace
- Class level
- Dates of attendance at Monmouth University
- Degrees and awards received at Monmouth University
- Degree candidacy
- Degree status
- Major field of study
- Most recent previous educational institution attended
- Participation in recognized activities and sports
- Photographs of student
- Registered credits for the current term
- Student’s name
- Official student e-mail address
- Student’s I.D. number
- Telephone number
- Veteran’s status

Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973

The Director of Equity and Diversity, as the University’s Americans with Disabilities Act Coordinator and Compliance Officer, has responsibility for issues related to Section 503 and 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act.

Monmouth University Supports Equal Opportunity in Every Phase of Our Operation Including Recruitment, Admission, Educational Programs, and Employment Practices of Recruitment, Hiring, Promotion, Reclassification, Transfer, Compensation, Benefits, Termination, Layoff, and Return from Layoff, Social and Recreational Programs and Any Other Aspects of Education or Employment. The University Does Not Discriminate on the Basis of Race, Color, Creed, Ancestry, National Origin, Nationality, Sex (Including Pregnancy and Sexual Harassment), Affectional or Sexual Orientation, Gender Identity or Expression, Atypical Hereditary Cellular or Blood Trait, Genetic Information, Marital Status, Domestic Partnership or Civil Union Status, Age, Liability for Military Service, Protected Veteran Status, or Status as an Individual with a Physical or Mental Disability, Including AIDS and HIV-Related Illnesses or Any Other Protected Category Under Applicable Local, State, or Federal Law. The University Also Complies with All Major Federal and State Laws and Executive Orders Requiring Equal Employment Opportunity and/or Affirmative Action.

Monmouth University Affirms the Right of Its Faculty, Staff, and Students to Work and Learn in an Environment Free from Discrimination and Harassment, Including Sexual Harassment, and Has Developed Procedures to Be Used to Resolve Discrimination or Sexual Harassment Complaints. A Copy of the University-Wide Policy on Discrimination and Harassment, Including Sexual Harassment, Which Describes the Procedures for Resolving Such Complaints, May Be Obtained from the Director of the Office of Equity and Diversity Located at: 400 Cedar Avenue, Great Hall, Room 304, West Long Branch, NJ 07764, Phone: (732) 571-7577, Fax: (732) 263-5140.

Additionally, Inquiries May Be Made Externally to: Office of Civil Rights (OCR), U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-1100. Customer Service Hotline Phone: (800) 421-3481, Fax (202) 453-6012, TDD: (877) 521-2172, by E-Mail (OCR@ed.gov) or on Their Web Site (http://www.ed.gov/ocr/).


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Information Such as Grades, Financial Records, and Financial Aid Records May Be Released to Parent(s) of Monmouth University Students Who Are Dependents of Their Parents as Defined by the Internal Revenue Service (IRS). To Establish Parents’ Eligibility to Receive Such a Disclosure, the University Must First Obtain a Copy of the Parents’ Most Recent Tax Return (at Least the First Page Where Dependents Are Listed, the Financial Portions May Be Redacted). If You Have Any Questions Regarding Proof of Such Dependency, You May Contact Monmouth University’s Office of the General Counsel at (732) 571-3598. The Student May Also Elect to Grant Access to Academic Information Such as Grades, Financial Records, and Financial Aid Records to Their Parent(s) by Completing a “FERPA Waiver Release” Form from Their E-FORMS Account Which Is Accessible from the Monmouth University Student Portal, MyMU. Students May Also Elect to Grant Their Parent(s) or Another Person Proxy Access to Their Grade Reports (View Only) Using the Grades Self-Service (https://wlbsssweb-01.monmouth.edu/Student/PersonProxy/) Feature, Which Is Also Accessible from the Student Portal, MyMU.


Directory Information

The Following Information May Be Released by the University Without the Student’s Permission Unless the Student States That They Do Not Want Their Directory Information Released. The Student Must Submit This Request Using the FERPA - Do Not Disclose E-FORM. The “Do Not Disclose” Will Remain in Place Indefinitely Unless the Student Submits a Written Request to Have It Removed.

- Address
- Biographical Data for Public Relations Purposes
- Birth Date
- Birthplace
- Class Level
- Dates of Attendance at Monmouth University
- Degrees and Awards Received at Monmouth University
- Degree Candidacy
- Degree Status
- Major Field of Study
- Most Recent Previous Educational Institution Attended
- Participation in Recognized Activities and Sports
- Photographs of Student
- Registered Credits for the Current Term
- Student’s Name
- Official Student E-Mail Address
- Student’s I.D. Number
- Telephone Number
- Veteran’s Status

Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973

The Director of Equity and Diversity, as the University’s Americans with Disabilities Act Coordinator and Compliance Officer, Has Responsibility for Issues Related to Section 503 and 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act.
The Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973 provide that no otherwise qualified individual with a disability (student/employee/applicant) shall, by reason of the disability, be excluded from participation in, be denied the benefit of, or be subjected to discrimination under any program or activity receiving federal financial assistance. An otherwise qualified individual with respect to post secondary education is one who meets the essential academic requirements and, with respect to employment, is one who with reasonable accommodation can perform the essential functions of the job in question. Monmouth University has complied with these principles and intends to continue its compliance. Anyone having a complaint or observation about a possible discriminatory act or practice should contact the Office of Equity and Diversity at (732) 571-7577.

Human Relations Philosophy and Policy Statement

Monmouth University affirms the inestimable worth and dignity of every individual, regardless of their condition of life. We affirm, further, the right of each person to develop to their full potential and to be judged on the basis of personal accomplishments. Finally, we believe that the achievement of full humanity is enhanced by the experience of the human family.

We are committed to achieving and sustaining a pluralistic environment recognized for its racial, cultural, and ethnic diversity, and which is characterized by genuine mutuality, acceptance, affirmation of the strengths and contributions of differing individuals and groups, and a willingness to resolve disputes in a spirit of good will.

Monmouth University, through this philosophy and policy statement, seeks to create a pluralistic community in which people:

- are accepted and judged as individuals, independent of ancestry, social and economic background, sexual orientation, age, gender, gender identity, physical characteristics, personal beliefs or any protected classes;
- may freely engage in constructive academic dialogue and debate in classrooms and public halls, and pursue their social and private lives uninhibited by discrimination, disruption, or harassment in any form and;
- value, respect, and draw their intellectual strength from the rich diversity of other peoples of different races, cultures, religions, nationalities, and beliefs.

This affirmation and commitment will guide us in the challenging times ahead as we strive to achieve excellence in service, teaching, and scholarship.
DIRECTORY IN BRIEF

All officers listed in this directory may be contacted by writing to them at Monmouth University, West Long Branch, NJ 07764-1898, or by telephoning them at 732-571-3400, or at the telephone numbers or addresses provided below.

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Registrar
Gloria Schopf
732-571-3477
registrar@monmouth.edu

**Residential Life**
Associate Director for Residential Life and Housing Operations
Megan Jones
732-571-3585
reslife@monmouth.edu

**Scholarships**
Associate Vice President and Director of Financial Aid
Claire M. Alasio
732-571-3463
finaid@monmouth.edu

**School of Education**
Dean
John Henning
732-571-7518
soe@monmouth.edu

**School of Humanities and Social Sciences**
Interim Dean
Richard. F. Veit
732-571-3419

**School of Nursing and Health Studies**
Dean
Ann Marie Mauro
732-571-3443

**School of Science**
Dean
Steven Bachrach
732-571-3421

**School of Social Work**
Dean
Robin Mama
732-571-3543

**Student Activities**
Director
Amy Bellina
732-571-3586
activities@monmouth.edu

**Student Employment**
Assistant Director of Human Resources for Student Employment
Sandy Brown
732-571-3471

**Student Life**
Vice President
Mary Anne Nagy
732-571-3417

**Transfer Services**
Director of Transfer Student Services and Undeclared Services
Anthony Urmey
732-571-3588
transferservices@monmouth.edu

**Tutoring Services**
Director of Tutoring Services
Dorothy Cleary
732-571-3542
tutoringservices@monmouth.edu

**Undeclared Majors Advising Program**
Director of Transfer Student Services and Undeclared Services
Anthony Urmey
732-571-3588
askanadvisor@monmouth.edu

**Writing Services**
732-571-7542
writingservices@monmouth.edu

Please refer to the complete Directory in this catalog for a more complete list.
THE UNIVERSITY

Monmouth University, as described in its Mission Statement, is an independent, comprehensive institution of higher education, emphasizing excellence and integrity in teaching, and scholarship at the undergraduate, graduate, and doctorate levels. Monmouth is dedicated to service in the public interest and, in particular, to the enhancement of the quality of life. The University is committed to providing a learning environment that enables men and women to pursue their educational goals, to reach their full potential as leaders, to determine the direction of their lives, and to contribute actively in order to become engaged citizens in their community and society in an increasingly interdependent world.

Seven schools within the University—the Wayne D. McMurray School of Humanities and Social Sciences; the School of Science; the Leon Hess Business School; the School of Education; the Marjorie K. Unterberg School of Nursing and Health Studies; the Honors School; and the School of Social Work—provide a wide variety of academic programs at both the undergraduate and graduate levels. There are bachelor's degree programs in the arts and sciences and in the professional areas of business, computer science, criminal justice, education, nursing, social work, and software engineering. Co-curricular activities have been designed to complement the academic programs. Master's level programs include addiction studies, anthropology, business administration (M.B.A.), clinical mental health counseling, computer science, communication, creative writing (M.F.A.), criminal justice, education (M.Ed., M.S.Ed., and M.A.T.), English, history, information systems, nursing, physician assistant, social work, software engineering, and speech-language pathology. The School of Nursing and Health Studies offers doctorate level programs: Doctor of Nursing Practice (D.N.P) and the Occupational Therapy Doctorate (2021). The School of Education offers a Doctor of Education (Ed.D.) in Educational Leadership and a Doctor of Education (Ed.D.) in Educational Leadership - Higher Education Track.

The undergraduate curriculum is built upon an innovative, interdisciplinary general education program and careful academic advising and career counseling. One of the University’s main goals is to prepare Monmouth undergraduates for active participation as leaders in the twenty-first century. Accordingly, the University provides a learning environment that enables all students to develop their capacities for leadership in a multicultural world. Students are provided opportunities to develop information technology and collaborative problem-solving skills and to develop a sense of social responsibility as members of local, national, and global communities. Small classes and course clustering allow for individual attention, cooperative learning, and interactive student-faculty exchange.

The University is located in a quiet, residential area of an attractive community near the Atlantic Ocean, about an hour and thirty minutes from the metropolitan attractions of New York City and Philadelphia. Monmouth enjoys the advantage of proximity, within its home county, to many high-technology firms, financial institutions, healthcare institutions, and a thriving business-industrial sector. These provide employment possibilities for Monmouth University graduates, as well as opportunities for undergraduates to gain practical experience through internships. The surrounding communities also offer opportunities for service activities in local schools and public agencies.

Campus Facilities

The University’s 170-acre campus, considered to be one of the most beautiful in New Jersey, includes among its fifty-four buildings a harmonious blending of historic and traditional architectural styles. The centerpiece building—and the University’s identifying landmark—is the Great Hall at Shadow Lawn, the administrative center. Completed in 1931 the 130-room mansion—originally known as Shadow Lawn—began as the private residence of Hubert T. Parson, a former president of F.W. Woolworth Company. The mansion has been described in newspapers throughout the world, is featured in many books on architecture and art, and has been used as a backdrop for innumerable print ads and television commercials. In 1981, it served as the setting for the film version of Annie. In 1978, along with the University’s Library, another architectural treasure that was the summer home of Murray and Leonie Guggenheim, it was entered in the National Register of Historic Places. In 1985, The Great Hall at Shadow Lawn was designated a National Historic Landmark by the U.S. Department of the Interior.

Monmouth University Graduate Center is located at 185 State Highway 36, West Long Branch, NJ. This center is approximately two miles from the main campus and currently houses the Department of Professional Counseling, the Physician Assistant program, the Speech-Language Pathology Graduate Program, and the Center for Speech and Language Disorders. The Center provides rehabilitation services to the neighboring community on a free-service basis with a one-time per semester registration fee. Please call 732-923-4547 or email (MUSpeechCenter@monmouth.edu) the center with further questions.

The OceanFirst Bank Center is a 153,200-square-foot facility that seats approximately 4,000 people. The building, which is located in the center of the campus, includes a multipurpose arena; a 200-meter, six-lane indoor track; the University store; Leon Hess Champions’ Hall, locker rooms for nineteen athletic teams; box office; fitness center; and the University’s Blue/White Club.

The Lauren K. Woods Theatre, a former carriage house that retains many of its original architectural features, is just one of the many gracious older buildings that lend distinctive balance to the modern additions to the campus. Prominent among these newer buildings is the Rebecca Stafford Student Center that houses an open computer lab, dining room and food court, student offices, lounges, and a large combination banquet/performance hall. In a first-floor suite is the Disability Services and Tutoring Center. On the lower level is the Center for Student Success that includes Career Services, First-Year Advising (which provides advising support to freshmen students), the Writing Center, and a graduate student lounge. Other buildings include: the Magill Commons, a student dining hall and conference center; the Thomas A. Edison Science Building (with nearby greenhouse); Howard Hall, housing the Pollak Theatre and many academic computing labs, as well as a twenty-four-hour open lab; Bey Hall, the Leon Hess Business School building, which contains case study classrooms, seminar rooms, and a computer laboratory; McAllan Hall, which houses the School of Education, the Marjorie K. Unterberg School of Nursing and Health Studies, and the School of Social Work; the new state-of-the-art Jules Plangere Center, which houses the department of Communication, Foreign Language Studies, and a Faculty Resource Center; Pozzyci Hall, provides several classrooms including a 150-person lecture hall, a lab and conference rooms, and Joan and Robert Rechnitz Hall, which houses the department of Art and Design and the Rechnitz Gallery. William T. Boylan Gymnasium: eleven traditional and suite-style, on-campus residence halls: Beechwood, Cedar, Elmwood, Hesse, Laurel, Mullaney, Oakwood,
Pinewood, Redwood, Spruce, and Willow Hall; and three apartment-style facilities: the Great Lawn Apartments, the Garden Apartments, and Maplewood Hall. Additional off-campus housing is the University Bluffs, a six-apartment-building complex located on 2.7 acres on the ocean in Long Branch.

History

Monmouth University was founded in 1933 with federal assistance as Monmouth Junior College, largely to provide opportunity for higher education to area high school graduates who could not afford to go away to college during the Depression. It was a two-year institution, holding classes only in the evening. For a time it appeared uncertain whether the College would have adequate funds to continue. With support from students and the community, however, the fledgling College survived the economic crisis and quickly assumed its present private status. In 1956, it was renamed Monmouth College and accredited by the state to offer four-year programs leading to the baccalaureate degree. Less than a decade later, it was authorized to offer master's degree programs. In March 1995, the New Jersey Commission on Higher Education designated Monmouth a teaching university pursuant to N.J.A.C. 9:1-3.1 et seq.

Today, Monmouth offers more than ninety-five undergraduate and graduate degree programs and concentrations. Monmouth University also offers doctorate-level programs:

School of Nursing and Health Studies:
- Doctor of Nursing Practice (D.N.P.)
- Occupational Therapy Doctorate (OTD) (for 2021)

School of Education:
- Doctor of Education (Ed.D.) in Educational Leadership
- Doctor of Education (Ed.D.) in Educational Leadership - Higher Education Track

Within Monmouth's student body, thirty-two states and forty-eight foreign countries are represented. More than 1,600 undergraduates are resident students.

Accreditation

The University is licensed by the New Jersey Commission on Higher Education and accredited by the Middle States Commission on Higher Education (MSCHE) (https://www.msche.org/). In addition,

- the Leon Hess Business School is accredited by the AACSB International (https://www.aacsb.edu/)—the Association to Advance Collegiate Schools of Business;
- the Bachelor of Science in Software Engineering (BSSE) program is accredited by the Engineering Accreditation Commission of (ABET) (http://abet.org);
- the Bachelor of Science in Computer Science program is accredited by the Computing Accreditation Commission of (ABET) (http://abet.org);
- the Bachelor of Science in Chemistry with a Concentration in Advanced Chemistry is certified by the American Chemical Society (ACS) (https://www.acs.org/content/acs/en/education/policies/acs-approval-program.html);
- the baccalaureate degree program in nursing, master's degree program in nursing, Doctor of Nursing Practice program and post-graduate APRN certificate programs at Monmouth University are accredited by the Commission on Collegiate Nursing Education (CCNE) (https://www.aacnnursing.org/CCNE/);
- the undergraduate Bachelor of Social Work and graduate Master of Social Work programs are accredited by the Council on Social Work Education (CSWE) (https://www.cswe.org/);
- in the School of Education, the bachelor of arts and bachelor of science programs in Education, the Masters of Arts in Teaching (MAT) program in Education, the Master of Science in Education (MSEd) programs in Literacy, Principal/Supervisor, and Special Education, and the Learning Disabilities Teacher Consultant Post-Master's Endorsement are accredited by the Council for the Accreditation for Educator Preparation (CAEP) (http://caepnet.org/); the MSEd in School Counseling and the MSEd in Student Affairs and College Counseling programs are accredited by the Council for the Accreditation of Counseling and Related Educational Programs (CACREP) (https://www.cacrep.org/); the MSEd degree program in Speech-Language Pathology is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) (https://caa.asha.org/) of the American Speech-Language-Hearing Association;
- the Department of Professional Counseling's Master of Arts in Addiction Studies program is accredited by the National Addiction Studies Accreditation Commission (NASAC) (https://nasaccreditation.org/), and the Master of Science in Clinical Mental Health Counseling program is accredited by CACREP (https://www.cacrep.org/);
- The Master of Science Physician Assistant (MSPA) Program (https://www.monmouth.edu/graduate/ms-physician-assistant/) is accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) (http://www.arc-pa.org/).
  • The Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) has granted Accreditation-Continued status to the Monmouth University Physician Assistant Program sponsored by Monmouth University. Accreditation-Continued is an accreditation status granted when a currently accredited program is in compliance with the ARC-PA Standards.
  • Accreditation remains in effect until the program closes or withdraws from the accreditation process or until accreditation is withdrawn for failure to comply with the Standards. The approximate date for the next validation review of the program by the ARC-PA will be March 2029. The review date is contingent upon continued compliance with the Accreditation Standards and ARC-PA policy.
  • The program's accreditation history can be viewed on the ARC-PA website at http://www.arc-pa.org/accreditation-history-monmouth-university/ (http://www.arc-pa.org/accreditation-history-monmouth-university/);
- The entry-level occupational therapy doctoral degree program has applied for accreditation and has been granted Candidacy Status by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. ACOTE’s telephone number c/o AOTA is (301) 652-AOTA and its web address is www.acoteonline.org (http://www.acoteonline.org). The program must have a preaccreditation review, complete an on-site evaluation, and be granted Accreditation Status before its graduates will be eligible to sit for the national
certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate’s ability to sit for the NBCOT certification examination or attain state licensure.

The Faculty

The faculty at Monmouth University work together to provide challenging classroom environments that encourage student involvement and ensure that Monmouth graduates leave the University ready to exercise socially responsible leadership in their professional and personal communities. The faculty take teaching and student learning seriously. To enhance their effectiveness, most have participated in faculty workshops on active learning techniques.

The Monmouth faculty are respected scholars, artists, scientists, and professionals. Students are drawn into the ongoing scholarly and creative work of the faculty through classroom demonstration, research assistantships, and attendance at professional meetings. Faculty also serve as advisors to students, some as designated freshman advisors who work closely with new students during their first year.

In departments having graduate programs, certain faculty are appointed to the graduate faculty. The graduate faculty provide the core of instruction in the graduate programs at Monmouth University. Recognized for their scholarly achievements by peers in their fields, the members of the graduate faculty provide a challenging classroom environment. They bring insight from research and professional experience into the classroom. Graduate students are drawn into the ongoing, creative work of the faculty through classroom demonstration, as research assistants, and through attendance at professional meetings. The graduate faculty also serve as advisors and mentors to students; in many cases, contact is maintained after graduation.

Working directly with senior faculty who are engaged in research is a key element in graduate-level study. In recent interviews, a group of student leaders on campus unanimously agreed that the opportunity to work closely with faculty is the greatest single benefit of Monmouth’s small class size and engaged faculty. Students are able to achieve a comfortable rapport with the professors.

Interviewed recently about their views of the University, a group of student leaders on campus unanimously agreed the greatest single appeal of the institution was the opportunity it afforded them to work closely with faculty, to achieve a comfortable rapport in which they not only got to know their teachers, but also knew were by them. “We are never made to feel we are simply numbers,” one of the student leaders stated.

A member of the anthropology faculty, who regularly involves students in his research activities, explains: “It gives them opportunity to meet important people in the field whom they otherwise would only read about, and to engage in some of the personal excitement of anthropology.” A biology professor, who provides opportunity for students in his major field to participate in his environmental projects, also encourages them to write papers on their work and to present them at scientific meetings. “For some,” he reports, “this experience has been a determining factor in gaining acceptance to graduate school or in getting jobs in their major field. Being able to include published research in their résumés gives them a decided edge.” A psychology professor whose undergraduate students have presented papers at prestigious, professional psychology conferences is enthusiastic about their experiences. “They have truly earned the recognition they received and are excited about pursuing advanced degrees.”

Monmouth faculty are committed to helping students achieve their fullest potential. That they succeed is attested in the words of a graduate who is now a successful physicist. “Any student who has anything on the ball, and who wants to learn and get the finest education possible in his or her major field, can get it at Monmouth. The teachers are tops; they care about you as an individual, work right along with you, and share the joy of your own successes. I was a science major. When they saw that I was serious about my work, my professors gave me special encouragement, allowed me flexible lab privileges, and even worked with me on research. I knew it was a great experience then. Five years into my career field, I am even more appreciative of the solid kind of preparation provided me at Monmouth. Just show the faculty you care, and you’ll have them on your team all the way.”

Each year at Commencement, the University cites one member of the faculty for distinguished teaching. Honorees are chosen by a committee of faculty, administrators, and students. Recipients since 1975, when the award was established, are:

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rose Mary Miller, Mathematics</td>
<td>1975</td>
</tr>
<tr>
<td>William P. Mitchell, Anthropology</td>
<td>1976</td>
</tr>
<tr>
<td>Richard Benjamin, Electronic Engineering</td>
<td>1977</td>
</tr>
<tr>
<td>Vernon Churchill, Biology</td>
<td>1978</td>
</tr>
<tr>
<td>Charles J. Lewis, Mathematics</td>
<td>1979</td>
</tr>
<tr>
<td>J. Emmett Collins, Marketing</td>
<td>1980</td>
</tr>
<tr>
<td>Robert J. Sipos, English</td>
<td>1981</td>
</tr>
<tr>
<td>Harris Drucker, Electronic Engineering</td>
<td>1982</td>
</tr>
<tr>
<td>Alicia E. Portuondo, Foreign Languages</td>
<td>1983</td>
</tr>
<tr>
<td>John A. Stysslinger, English</td>
<td>1984</td>
</tr>
<tr>
<td>Everett L. Rich, Communication</td>
<td>1985</td>
</tr>
<tr>
<td>Doris K. Hiatt, Psychology</td>
<td>1986</td>
</tr>
<tr>
<td>Eugene S. Simko, Management</td>
<td>1987</td>
</tr>
<tr>
<td>Thomas S. Pearson, History</td>
<td>1988</td>
</tr>
<tr>
<td>Datta V. Naik, Chemistry</td>
<td>1989</td>
</tr>
<tr>
<td>Donald M. Moliver, Economics</td>
<td>1990</td>
</tr>
<tr>
<td>Robert S. Rouse, Chemistry</td>
<td>1991</td>
</tr>
<tr>
<td>Leonard Wollack, Marketing</td>
<td>1992</td>
</tr>
<tr>
<td>Arie van Everdingen, Art</td>
<td>1993</td>
</tr>
<tr>
<td>Mark Rodgers, Social Work</td>
<td>1994</td>
</tr>
<tr>
<td>Kenneth Campbell, History</td>
<td>1995</td>
</tr>
<tr>
<td>Margaret Del Guercio, English</td>
<td>1996</td>
</tr>
<tr>
<td>Marilyn Parker, Chemistry</td>
<td>1997</td>
</tr>
<tr>
<td>Gregory Coram, Criminal Justice</td>
<td>1998</td>
</tr>
<tr>
<td>Robyn Holmes, Psychology</td>
<td>1999</td>
</tr>
<tr>
<td>Robin Mama, Social Work</td>
<td>2000</td>
</tr>
<tr>
<td>Brian Garvey, English</td>
<td>2001</td>
</tr>
<tr>
<td>John Morano, Communication</td>
<td>2002</td>
</tr>
</tbody>
</table>
Awards

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rekha Datta, Political Science</td>
<td>2003</td>
</tr>
<tr>
<td>Judith Nye, Psychology</td>
<td>2004</td>
</tr>
<tr>
<td>Michael Palladino, Biology</td>
<td>2005</td>
</tr>
<tr>
<td>Bruce Normandia, Curriculum and</td>
<td>2006</td>
</tr>
<tr>
<td>Instruction</td>
<td></td>
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<tr>
<td>Richard Veit, History and</td>
<td>2007</td>
</tr>
<tr>
<td>Anthropology</td>
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<tr>
<td>Kelly Ward, Social Work</td>
<td>2008</td>
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<tr>
<td>Joseph Patten, Political Science</td>
<td>2009</td>
</tr>
<tr>
<td>David Tripold, Music and Theatre</td>
<td>2010</td>
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<tr>
<td>Arts</td>
<td></td>
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<tr>
<td>Nancy Mezey, Political Science and</td>
<td>2011</td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
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<tr>
<td>Gary Lewandowski, Psychology</td>
<td>2012</td>
</tr>
<tr>
<td>Vincent Dimatto, Art and Design</td>
<td>2013</td>
</tr>
<tr>
<td>James Mack, Biology</td>
<td>2014</td>
</tr>
<tr>
<td>Kenneth Mitchell, Political Science</td>
<td>2015</td>
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<tr>
<td>Massimiliano Lamberto, Chemistry</td>
<td>2016</td>
</tr>
<tr>
<td>and Physics</td>
<td></td>
</tr>
<tr>
<td>James Konopack, School of Nursing</td>
<td>2017</td>
</tr>
<tr>
<td>and Health Studies</td>
<td></td>
</tr>
<tr>
<td>Christopher DeRosa, History and</td>
<td>2018</td>
</tr>
<tr>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td>Lisa Dinella, Psychology</td>
<td>2019</td>
</tr>
<tr>
<td>Pedram Daneshgar, Biology</td>
<td>2020</td>
</tr>
<tr>
<td>Michele Van Volkom, Psychology</td>
<td>2021</td>
</tr>
</tbody>
</table>

Faculty Leadership Award

In 2019 Faculty Council established the Eugene Simko Faculty Leadership Award to honor the late Gene Simko, former Faculty Council Chair and Associate Professor in the Department of Management and Leadership. The award recognizes individuals who best capture Professor Simko's substantial, diverse, and enduring impact on Monmouth University.

Recipients since 2019, when the award was established:

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Veit, History and</td>
<td>2019</td>
</tr>
<tr>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td>James Mack, Biology</td>
<td>2020</td>
</tr>
<tr>
<td>Hettie Williams, History and</td>
<td>2021</td>
</tr>
<tr>
<td>Anthropology</td>
<td></td>
</tr>
</tbody>
</table>

Awards

Donald Warncke Award

The Faculty Association of Monmouth (FAMCO) sponsors this award in memory of Donald Warncke, first president of FAMCO. Any member of the University community who has distinguished him- or herself through outstanding service over the years is eligible. Recipients through 2020 are:

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jack Christie</td>
<td>1982</td>
</tr>
<tr>
<td>George Smith</td>
<td>1982</td>
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<tr>
<td>Richard Steadman</td>
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<td>Alfred Brown</td>
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<td>Jane Freed</td>
<td>1985</td>
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<tr>
<td>Della Garrabrant</td>
<td>1985</td>
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<td>Philip C. Donahue</td>
<td>1986</td>
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<tr>
<td>William T. Boylan</td>
<td>1988</td>
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<tr>
<td>Mary Abate</td>
<td>1989</td>
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<td>Aldean Davis</td>
<td>1990</td>
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<td>Rose Iovino</td>
<td>1991</td>
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<tr>
<td>Demetrius Markov</td>
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<td>C. Dale Haase</td>
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<tr>
<td>Carol Neuer</td>
<td>1993</td>
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<td>Deanna Scherrer</td>
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<td>Sandra G. Epstein</td>
<td>1995</td>
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<td>Gertrude Murphy</td>
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<tr>
<td>Marilyn Parker</td>
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<td>Susan Kuykendall</td>
<td>1997</td>
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<td>John Bolton</td>
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<td>James Mack</td>
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<td>Debbie Mellish</td>
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<td>Marianne Seitz</td>
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<td>Vernon Churchill</td>
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<td>Richard Guilfoyle</td>
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<tr>
<td>Thomas Murtha</td>
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<tr>
<td>Ella Elizabeth Boyington</td>
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<tr>
<td>Koorleen Minton</td>
<td>2004</td>
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<tr>
<td>Linda Silverstein</td>
<td>2005</td>
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<tr>
<td>Franca Mancini</td>
<td>2006</td>
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<tr>
<td>Annette Gough</td>
<td>2007</td>
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<tr>
<td>Doreen Brown</td>
<td>2008</td>
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<tr>
<td>Sandy Villa</td>
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<td>William Mitchell</td>
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<td>Brian Garvey</td>
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<td>Heather Kelly</td>
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<td>Richard Veit</td>
<td>2012</td>
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<td>Reenie Menditto</td>
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<tr>
<td>Margaret Del Guercio</td>
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<td>Brian Greenberg</td>
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<td>Susan Douglas</td>
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<td>Karen Wyant</td>
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<td>Wayne Elliott</td>
<td>2016</td>
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<td>Kelly Ward</td>
<td>2016</td>
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<td>Datta Naik</td>
<td>2017</td>
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<tr>
<td>Danielle Schrama</td>
<td>2018</td>
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<tr>
<td>Rebecca Raffa</td>
<td>2019</td>
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<tr>
<td>Information Management Division</td>
<td>2020</td>
</tr>
<tr>
<td>Kathy Maloney and Harold Hillyard</td>
<td>2021</td>
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</tbody>
</table>
Stafford Presidential Award of Excellence

Established in 2003, this award is presented annually to the outstanding member(s) of the Monmouth University staff or administration as recognition for his or her tireless efforts, dedication, creativity, and evident commitment to supporting and enhancing Monmouth University. The award is named after Dr. Rebecca Stafford, who retired in 2003 after ten years of exceptional service as President.

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
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<tbody>
<tr>
<td>Bertha Hughes</td>
<td>2003</td>
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<tr>
<td>Datta Naik</td>
<td>2003</td>
</tr>
<tr>
<td>Maureen Paparella</td>
<td>2003</td>
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<tr>
<td>Patricia L. Swannack</td>
<td>2004</td>
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<tr>
<td>Samuel A. Weir</td>
<td>2005</td>
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<tr>
<td>Saliba Sarsar</td>
<td>2006</td>
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<tr>
<td>Debbie Mellish</td>
<td>2007</td>
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<tr>
<td>Mary Anne Nagy</td>
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<tr>
<td>Colleen Johnson</td>
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<td>Jean Judge</td>
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<td>Sharon Smith</td>
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<td>Kevin Roane</td>
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<td>James Reme</td>
<td>2012</td>
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<td>Kristen Isaksen</td>
<td>2013</td>
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<td>Kara Sullivan</td>
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<td>Corey Inzana</td>
<td>2014</td>
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<td>Christine Benol</td>
<td>2015</td>
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<td>Neva Lozado</td>
<td>2016</td>
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<td>Luann Russell</td>
<td>2017</td>
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<td>Gregory Viscomi</td>
<td>2017</td>
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<td>Kathleen Stein</td>
<td>2018</td>
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<td>William Hill</td>
<td>2019</td>
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<tr>
<td>Amanda Klaus</td>
<td>2020</td>
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<tr>
<td>Claude E. Taylor</td>
<td>2021</td>
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</tbody>
</table>

Academic Honesty

Monmouth University encourages its students to grow intellectually as well as to become responsible citizens in our complex society. To develop their skills and talents, students are asked to conduct research, perform experiments, write papers, work individually, and cooperate in group activities. Academic dishonesty subverts the University's mission and undermines the student's intellectual growth. Dishonesty in such academic practices as assignments, examinations, or other academic work cannot be condoned. A student who submits work that is not original violates the purpose of Monmouth University and may forfeit his/her right and opportunity to continue at the University.

The University has an obligation as an educational institution to be certain that each student's work is his/her own. Note that Monmouth University faculty members have access to Turnitin (http://www.turnitin.com), a Web-based plagiarism-detection resource that compares the text of student papers to an extensive electronic database. This database includes current and archived Internet resources, periodicals, journals and other publications, and past student papers from Monmouth and other educational institutions. All student assignments may be subject to submission for textual similarity review to Turnitin (http://www.turnitin.com) for the detection of plagiarism. All submitted
GRADUATE ADMISSION

New to Monmouth Students' Requirements

Graduates of accredited colleges and universities with a baccalaureate degree, whose records show evidence of ability to do graduate work, may apply for admission. Admission to graduate programs is based on the student’s undergraduate record, particularly in the major; scores on appropriate admission tests; and other supporting documentation as required. Graduate program directors determine admission decisions.

Procedures

1. Complete and submit the online application (https://www.monmouth.edu/apply-now/) for admission along with a nonrefundable $50 application fee to the Office of Admission Processing.
2. Send official undergraduate transcripts from all previously attended institutions to the Office of Admission Processing.
3. Send official graduate transcripts (if any) from other previously attended institutions to the Office of Admission Processing.
4. Refer to descriptions of the individual graduate programs for additional procedures, if any, unique to the program.

Graduate Application Deadlines

<table>
<thead>
<tr>
<th>Date</th>
<th>Item</th>
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</thead>
<tbody>
<tr>
<td>July 15</td>
<td>Fall Semester</td>
</tr>
<tr>
<td>December 1</td>
<td>Spring Semester</td>
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<tr>
<td>May 1</td>
<td>Summer Sessions</td>
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</tbody>
</table>

Qualified applicants are given consideration after these deadlines on a space-available basis.

Speech-Language Pathology

<table>
<thead>
<tr>
<th>Date</th>
<th>Item</th>
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<tbody>
<tr>
<td>Feb 1</td>
<td>Summer Start</td>
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Master of Social Work (MSW)

<table>
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<tr>
<th>Date</th>
<th>Item</th>
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<tbody>
<tr>
<td>July 15</td>
<td>Fall Start</td>
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</table>

Physician Assistant Program

<table>
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<tr>
<th>Date</th>
<th>Item</th>
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<tbody>
<tr>
<td>January 15</td>
<td>Fall Start</td>
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</table>

Occupational Therapy Doctorate*

<table>
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<tr>
<th>Date</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 15</td>
<td>Summer Start</td>
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</tbody>
</table>

*For information regarding OTD accreditation status, please visit monmouth.edu/OTD

Graduate Program Admission Requirements for Program Consideration

Intelligence Note: Graduate students are prohibited from matriculating in more than one graduate degree program at the same time. Students are permitted to pursue a degree program and a certificate/endorsement or two certificate/endorsements concurrently.

Master of Arts in Anthropology (M.A.) and Graduate Certificates:

- Archaeology
- Geographic Information Systems (G.I.S.):  
  1. Possession of a baccalaureate degree from an accredited college or university with a minimum 3.00 GPA.
  2. Essay (500 words) highlighting personal and/or professional goals and objectives for wanting to pursue graduate study in the field of anthropology.
  3. Two professional letters of recommendation from persons familiar with the prospective student’s academic and/or professional competence.

Master of Arts in Communication (M.A.) Concentrations:

- Interactive Digital Media
- Strategic Public Relations and Social Media

and

Graduate Certificate in Public Service Communication

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation. Letters from current or former professor recommended. If these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.
3. Personal essay of not more than 750 words that describes your preparation for study in the program and personal objectives for graduate study. Interactive and Digital Media concentration applicants are required to submit a digital portfolio with samples of your creative media, interactive media, transmedia design, computing, and/or technological projects that highlight and demonstrate your initiative and achievement in academic, professional, and/or community settings.
4. Digital and/or hard copy portfolio of select samples of work, including a writing sample, that demonstrates initiative and achievement in academic, professional, and/or community settings.
5. Résumé.
Master of Arts in Criminal Justice (M.A.)

Optional tracks:
- Homeland Security
- Leadership
- Intelligence Analyst
- Community Law Enforcement

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 in the undergraduate major.
2. Two letters of recommendation.
3. Personal essay of 250 to 300 words that describes your preparation for study in the program and personal objectives for graduate study in criminal justice.

Master of Arts in English with a Concentration in Creative Writing (M.A.)

1. Possession of a baccalaureate degree with a minimum 2.75 GPA, fifteen or more credits in literature or a related field, and at least one course in creative writing is strongly recommended.
2. An application essay of 1,000 words describing your interest in creative writing, what you hope to accomplish, and how you think the program will fit into your academic and career goals.
3. A 15-20 page creative writing sample: poetry, fiction or creative non-fiction
4. Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

Master of Arts in English with a Concentration in Literature (M.A.)

1. Possession of a baccalaureate degree with a minimum 2.75 GPA, fifteen or more credits in literature or a related field strongly recommended.
2. An application essay of 1,000 words describing your interest in this program, what you hope to accomplish, and how you think the program will fit into your academic and career goals.
3. A creative writing sample: 15-20 pages of poetry, fiction or creative non-fiction
4. Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

Master of Fine Arts (M.F.A.) – Creative Writing

For students applying for the dual M.A./M.F.A. degree program, Monmouth requires:
1. Possession of a bachelor's degree with a minimum 2.75 overall GPA, 15 or more credits in literature or a related field, and at least one course in creative writing (strongly recommended)
2. An application essay: 1,500 words describing your interest in creative writing, intent to continue study toward the M.F.A., what you hope to accomplish in the M.A./M.F.A. program, and how you think the program will fit into your academic and career goals
3. A creative writing sample: 15-20 pages of poetry, fiction or creative non-fiction
4. Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

Only students that have an overall graduate GPA of 3.25 at the completion of the M.A. in English Creative Writing program, and have been approved by the program director will continue.

For current or former Monmouth University M.A. in English Creative Writing students applying to the third-year M.F.A degree program, Monmouth requires:
1. Possession of a Master’s degree in English Creative Writing with a minimum 3.25 overall GPA, at least 12 credits in creative writing, and a creative thesis or equivalent
2. An application essay of 1,000 words describing your interest in creative writing, what you hope to accomplish in the program, and how you think the program will fit into your academic and career goals
3. A creative writing sample: 15 – 20 pages of poetry, fiction or creative non-fiction
4. Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.
5. Interview with the program director may be required

For students applying to the 18-credit M.F.A. curriculum only, Monmouth requires:
Possession of a Monmouth University Master’s degree in English with a Creative Writing Concentration with a minimum 3.25 overall GPA OR
- Possession of a non-creative writing Master’s degree along with a Monmouth University Graduate Certificate in Creative Writing with a 3.25 overall GPA.
- An application essay of 1,000 words describing your interest in creative writing, what you hope to accomplish in the program, and how you think the program will fit into your academic and career goals.
- A creative writing sample: 15 – 20 pages of poetry, fiction, creative non-fiction, or drama writing.
- Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.
- Interview with the program director may be required.
Graduate Creative Writing Certificate

- Possession of a baccalaureate degree with a minimum 2.75 overall GPA.
- Fifteen or more credits in literature or a related field and at least one course in creative writing are strongly recommended.
- An application essay of 1,000 words describing your interest in creative writing, what you hope to accomplish in the program, and how you think the program will fit into your academic and career goals.
- A 15-20 page creative writing sample: poetry, fiction or creative non-fiction.
- Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

Master of Arts in History (M.A.)

Optional Specializations:
- European
- U.S. History
- World History

1. Possession of a baccalaureate degree with a 2.5 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
3. Written statement that describes the historical areas you wish to study and details how graduate study will contribute to your professional and academic goals.

Master of Arts in Addiction Studies (M.A.) and Master of Science in Clinical Mental Health Counseling (M.S.)

1. Possession of a baccalaureate degree with a 3.0 overall GPA.
2. Two completed Monmouth University Professional Counseling recommendation forms.
3. Narrative (four to five pages, double spaced) in response to the questions outlined on the Admission Application Essay Form (https://www.monmouth.edu/uploadedFiles/Content/University/admission/graduate/PCEssay.pdf).
4. Participation in a group interview.

Graduate Certificate in Professional Counseling

1. Possession of a baccalaureate degree.
2. Current enrollment in a CACREP-accredited Master's program in Counseling or prior graduation from a CACREP-accredited Master's program in Counseling.
3. Cumulative GPA of at least 3.0 in the CACREP-accredited Master’s degree in Counseling.

Master of Social Work (M.S.W.)

Concentrations:
- Global and Community Practice
- Clinical Practice with Families and Children

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major. Social Work is grounded in the liberal arts and contains a coherent, integrated, professional foundation in social work (CSWE Accreditation Standards). M.S.W. applicants with a baccalaureate degree are required to have a strong liberal arts background with a minimum of one 3-credit course in English, Math and Psychology (none of these courses can be a College Level Examination Program; they must be taken as college-level, credit-bearing classes). The program also prefers courses in History, Sociology, Political Science, Anthropology, and Economics.
2. Three completed Monmouth University School of Social Work recommendation forms. Recommendations must be from an academic or professional source; it cannot be from friends and/or relatives.
4. Candidates for Advanced Standing must have a B.S.W. from an accredited program within six years of the date of application, fulfill GPA requirements, and submit the Monmouth University Advanced Standing Field Evaluation form. Candidates for Advanced Standing must have completed a course in statistics within the last six years.
5. In instances where the admissions committee has questions about an applicant’s references, personal statement, or academic record, the applicant may be required to attend an interview as part of the admissions process.

Graduate Certificate: Play and Expressive Therapies

1. A master's degree in a medical or mental health discipline (for example, M.S.N., M.S.W., M.A.) and eligibility for licensure in that discipline.

Graduate Certificate: Clinical Social Work Licensure

1. Applicants must have a completed MSW degree from a CSWE accredited program and be a Licensed Social Worker (LSW) for admission to the certificate program.
Master of Science in Computer Science (M.S.)

Optional tracks:
- Computer Networks
- Databases and Intelligent Information Systems (Fall, 2021)
- Cybersecurity

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 in the undergraduate major, preferably in the sciences or engineering.
2. Two letters of recommendation.
3. Two semesters of Calculus (I and II) with grades of “C” or better.
4. Two semesters of computer programming courses within the past five years (equivalent to Monmouth’s CS-175 Introduction to Computer Science I (3 cr.), CS-175L Introduction to Computer Science I Lab (1 cr.) and CS-176 Introduction to Computer Science II (3 cr.), CS-176L Introduction to Computer Science II Lab (1 cr.)) at a recognized institution with a grade of “B” or better. Applicants not meeting these requirements for programming experience may be required to take CS-501A Computer Programming Essentials (3 cr.) or its equivalent.

Master of Science in Data Science (M.S.)

1. An undergraduate degree in computer science, software engineering, information technology, information science, biology, mathematics, business administration, or a field that requires a substantial component of software development and/or business administration.
2. A minimum 2.75 overall GPA and a 3.0 GPA in the undergraduate major. Students who have little programming experience will be evaluated on a case-by-case basis. They may be required to complete foundation courses before entering the Master’s program.

Master of Science in Information Systems (M.S.)

- Management Track
- Technology Track

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 GPA in the major. Candidates should have an undergraduate degree in computer science, software engineering, information technology, information science, or business administration or majored in a field that requires a substantial component of software development and/or business administration.
2. Applicants to the Technology track must have completed courses equivalent to Program Development I and II, Introduction to Management, Principles of Software Engineering, and Data Structures and Algorithms.
3. Applicants to the Management track must have completed courses equivalent to Program Development I, Introduction to Management, Principles of Software Engineering, Financial Accounting, and Microeconomics and Macroeconomics.
4. Applicants who have not completed one or more of these courses will be evaluated on a case by case basis. They may be required to complete foundation courses.

Master of Science in Software Engineering (M.S.)

1. Possession of a baccalaureate degree in software engineering, computer science, computer engineering, or another engineering-related discipline with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major. Candidates whose major is not computer science or a related field may be admitted on a case-by-case basis.
2. Demonstrate completed course work in computer programming, data structures and algorithms, operating systems, discrete mathematics, and software engineering. Applicants who have not completed course work in these areas will be required to complete preparatory/foundation courses as necessary. (Only foundation coursework will be applied towards the MS degree.) Students must earn a grade of “B” or better in each of these courses.
3. Thesis track students must hold a bachelor’s degree in software engineering from a college or university accredited by its regional accrediting agency.

Master of Business Administration (M.B.A.)

Master of Business Administration (M.B.A.) with Concentrations:
- Accounting,
- Finance,
- Management,
- Marketing

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT\textsuperscript{1,2,3}
   b. CPA or CFA licensure.
2. Possession of a four-year baccalaureate degree with a minimum GPA of 3.5 \textsuperscript{2}.
3. Possession of a four-year baccalaureate degree with a minimum GPA of 3.0 \textsuperscript{2} and three years full time work experience.
4. Possession of a Master’s or Doctoral degree (MS, MD, JD, PhD, EdD, etc.).
5. Applicants to the Accounting concentration must have earned a baccalaureate degree in Accounting or completed courses equivalent to Intermediate Accounting, Advanced Accounting and Accounting Information Systems, Auditing or Individual Tax, Business Tax. Students must earn a grade of “C” or better in each of these courses.
6. Applicants to the Finance track must have completed courses equivalent to Quantitative Analysis for Business 1 and 2 with a grade of “C” or better.

Applicants must also provide:
2. Essay explaining why the applicant wishes to pursue this graduate program (500 words or less).
3. Two letters of recommendation (optional)

\textsuperscript{1} The Graduate Record Exam (GRE) will be considered as a substitute for the GMAT on an equivalent basis. LSAT or Engineering certification exams (FE, PE, SE, PS, FS) may be considered in place of the GMAT.
The GMAT will be waived for any applicant with a 3.5 or greater GPA

The GMAT will be waived for any applicant with a GPA of 3.0 or greater and 3 years of full time work experience.

Master of Arts in Teaching (M.A.T.)
1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see NJDOE website for details) and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see NJDOE website for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.

Master of Education (M.Ed.)
1. Possession of a baccalaureate degree with an overall GPA per state requirement (see NJDOE website for details).
2. Two letters of recommendation related to the applicant’s competence for graduate study.
3. Essay (500 words or more) explaining why the applicant wishes to pursue this graduate program.
4. Resume.
5. Teaching certification may be required based on program of study.

Master of Science in Education (M.S.Ed.)
Concentrations:
- Principal/Supervisor
- Principal/Supervisor/School Administrator
- School Counseling
- Student Affairs and College Counseling
- Literacy
- Supervisor of Educational Technology
- Special Education

Special Education tracks include:
- Teacher of Students with Disabilities (TSD)
- Learning Disabilities Teacher Consultant (LDTC)
- Supervisor Endorsement
- Autism/ABA
- Special Education- Advanced

1. Applicant must be a certified teacher. (Does not apply to M.S.Ed. School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant forsees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other M.S.Ed. programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.
5. Students applying to the M.S.Ed. School Counseling and M.S.Ed. Student Affairs and College Counseling programs must participate in a group interview.
6. Students in the M.S.Ed. Special Education/Supervisor and L.D.T.C. tracks must submit a letter from their administrator stating that they have 3 years of full-time teaching experience in a public or an NJ approved private school for students with disabilities.
7. Students in the MSED Supervisor of Educational Technology track must provide a current resume or CV

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

Master of Science in Education (M.S.Ed.) Speech-Language Pathology
1. Submit a completed application through the Communication Science and Disorders Centralized Application Service (CSDCAS (http://www.capcsd.org/csdcas-student-page/)) along with the signed S.L.P. Communication Standards form and $50 application fee submitted to Monmouth University.
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see Web site for details) and a minimum 3.0 GPA in the undergraduate major.

3. GRE scores (taken within the last five years). Students who hold a master’s degree or higher from an accredited institution are not required to submit GRE scores*GRE scores are currently waived for summer 2021 and 2022 admission.

4. Essay (500 words or more) as indicated in CSDCAS.

5. Two professional letters of recommendation from those who know the student and can address the student’s ability to complete graduate study.

6. Résumés are recommended but not required.

7. Candidates must be able to communicate effectively in order to meet ASHA’s standards of clinical competence. Specifically, successful candidates “must have demonstrated communication skills sufficient to achieve effective clinical and professional interaction with clients/patients and relevant others.” Source: (http://www.asha.org/Certification/2014-Speech-Language-Pathology-Certification-Standards/2014 Standards for the Certificate of Clinical Competence in Speech-Language Pathology. Applicants must complete and submit the Monmouth University SLP Communications Standards form.

8. Completion of eighteen (18) credits of speech-language pathology prerequisite courses. Applicants must also fulfill the ASHA requirements listed on the ASHA Web Site.

Doctor of Education (Ed.D.)

Focus areas include P-12 and Higher Education

All applicants must have an earned master’s degree in education, business, or related field. Official transcripts are required from each institution in which bachelor’s and master’s level credits were earned.

1. Applicants must have a minimum GPA of 3.25 out of 4, from a nationally accredited Master’s Program.

2. Applicants must provide evidence of having taken the Verbal, Quantitative, and Analytical writing tests of the Graduate Record Examination (GRE) or the Graduate Management Admissions Test (GMAT), the Law School Admission Test (LSAT) or the Miller Analogies Test (MAT) within the last five years. Other exams may be considered.

3. A current resume/curriculum vitae should outline the applicant’s educational background, employment history, professional activities, and other activities that provide support for admission.

4. Two letters of recommendation addressing the applicant’s readiness for doctoral study.

5. A two-page personal statement describing the applicant’s preparation for study in the program and personal objectives for graduate study.

6. Candidates may be selected for an interview by one or more members of the advisory board to determine the candidate’s level of interest, aptitude, and career goals.

7. At or near the time of their interview, candidates may be asked to provide an onsite writing sample to be evaluated by the admission committee.

Master of Science in Nursing (M.S.N.)

Specializations:

- Adult-Gerontological Primary Care Nurse Practitioner
- Family Psychiatric and Mental Health Nurse Practitioner
- Family Nurse Practitioner
- Forensic Nursing
- Nursing Administration
- Nursing Education
- School Nursing

1. Possession of a B.S.N. from an accredited program, with a minimum 3.0 GPA. R.N. students with a baccalaureate degree other than nursing may be admitted into the “bridge” program.

2. A current New Jersey R.N. license and one year of work experience as a registered professional nurse. For A.P.N. tracks one year of experience in the enrolled specialty track is required before beginning the clinical specialty.

3. A personal statement (one to two pages) outlining professional goals.

4. Two letters of recommendation.

5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director’s discretion.) This requirement does not apply to the Nursing Administration concentration.

6. Proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.

7. Résumé.

Master of Science Physician Assistant (M.S.)

1. CASPA Application
   - Applicants must submit a completed Central Application Service for Physician Assistants (CASPA) application.

2. Technical Standards Acknowledgement Form and Application Fee
   - Applicants must be able to meet the program’s technical standards.
   - Once your application has been verified by CASPA and imported by Monmouth University, you will receive an email with instructions on how to access your Applicant Portal. Through this portal, you will be able to upload the required Technical Standards Acknowledgement Form (https://www.monmouth.edu/graduate/documents/techstandards.pdf) as well as submit your $50.00 Monmouth University application fee.

3. Baccalaureate Degree
   - Possession of a baccalaureate degree from a regionally accredited college or university is required at least one month prior to matriculation.
   - Applicants not having a baccalaureate degree by the time of the personal interview, if accepted into the program, will automatically fall into an Accepted Conditional status pending completion of their degree and evidence of meeting all GPA and prerequisite course requirements.

4. GPA Requirements
• A minimum cumulative GPA of 3.0 on a 4.0 scale from all courses at all institutions
• A minimum cumulative GPA of 3.0 in all prerequisite courses.

5. **Prerequisite Coursework**
• Successful completion, within 10 years before application, of the following prerequisite courses and associated semester credit hours (sch) with a grade of “C” or better (pass/fail grading is unable to be accepted unless accompanied by an official letter grade):
  - Human Anatomy with lab (4 sch) and Human Physiology with lab (4 sch) or Human Anatomy & Physiology I and II, each with lab and each 4 sch;
  - Chemistry I and II with lab, each 4 sch;
  - Biology I with lab (4 sch);
  - Microbiology with lab (4 sch);
  - General Psychology (3 sch);
  - Medical Terminology (2 sch minimum): certificate courses and contact hour courses are not acceptable.
  - Statistics or Biostatistics (3 sch): statistics courses within social or natural science departments (e.g., psychology) are more than acceptable.
  - Advanced Placement (AP) or College Level Examination Program (CLEP) credit for any prerequisite courses is not accepted.
  - Online courses will be considered for acceptance in fulfilling admission requirements.
  - All courses must be completed at a regionally accredited College or University. Applicants who completed coursework from a college or university outside of the U.S. must submit a transcript evaluation from a reputable transcript evaluation service.

6. **English Language Proficiency**
• Students whose native language is not English must provide an English proficiency score meeting the University’s requirements by the time of application.

7. **Direct Patient Care Experiences**
• A minimum of 200 hours of paid or unpaid (i.e., volunteer) direct patient care experience by the time of application (up to 20 shadowing hours with a PA can be included).

8. **Graduate Record Examination (GRE)**
• The GRE, taken in the past five years, is required for all applicants by the time of application.
• There is no specific score needed for consideration; however, competitive applicants have scores near or above the 50th percentile in each of the test areas.
• Your GRE scores can be submitted directly to us through CASPA. Use the Designated Institution Code 3880 and your scores will be included with your application.

9. **Letters of Reference**
• All applicants are required to submit three specific letters of reference via the CASPA system by the time of application.
  - One letter must be from a current or former professor.
  - One letter must be from a paid or volunteer work supervisor.
  - One letter must be from a clinician.

*Note: Meeting minimal requirements does not guarantee a personal interview nor guarantee admission to the program.

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**Occupational Therapy Doctorate (O.T.D)*

**Application Requirements**

1. **Bachelor’s Degree** – A bachelor’s degree (or US equivalent) must be completed at the time of application or completed by the time the program begins at the end of May/beginning of June. A degree in any area of study will be accepted.
2. **GPA** – At least a 3.0 cumulative GPA as well as in the prerequisite courses. (Note: All completed courses will be used in the GPA calculated by OTCAS.)
3. **Observation Hours** – 60 hours of observation in a minimum of two practice settings must be completed prior to admission to the program. Examples of settings are: adults, geriatrics, pediatric, wellness, LTC, hospitals, community centers, primary care, etc. An OT Observation Form (https://www.monmouth.edu/graduate/documents/doctor-of-occupational-therapy-program-observation-form.pdf) will be provided to complete for each site observed. In response to the difficulties that applicants may encounter in completing their required observation hours, the Monmouth University OTD program will allow completion of the virtual shadowing hours (https://www.monmouth.edu/graduate/documents/monmouth-university-occupational-therapy-online-shadowing-experience.pdf/) in lieu of the full 60 hour requirement.

4. **Completion of Pre-requisites** – Completion of all pre-requisites with a grade of B or better. Competitive applicants will have no more than two outstanding prerequisite courses, including courses in progress, at the time of application. Applicants with outstanding prerequisite courses that are not shown as “in progress” on the OTCAS application, must submit a Word document outlining the completion plan (https://www.monmouth.edu/graduate/documents/occupational-therapy-pre-requisite-course-completion-plan.pdf) with their application. All incomplete prerequisite courses and observation hours must be completed by the time the program begins.

5. **Quality References** – Three references are required and can be from academic advisors, licensed occupational therapists, and/or work managers. At least one reference must be from a health care professional

6. **Criminal Background Check** – Required of all admitted students. Must have prior to first day of classes.

7. **Technical Standards**- A signed Occupational Therapy Technical Standards form must be received by the application deadline

**Admission Requirements: International Students**

• In addition to the admission requirements aforementioned, international applicants must be a permanent resident or eligible for an F-1 visa.
• Required English proficiency test – an official English proficiency score report meeting the University requirements is required for non-native English-speaking applicants in addition to the Miller Analogies Test (MAT). The required scores are found here: https://www.monmouth.edu/graduate/application-requirements/
• International applicants must submit to OTCAS an official course-by-course transcript evaluation completed by one of the member organizations of the National Association of Credential Evaluation Services (NACES). Please visit NACES.org (http://naces.org/) for a list of those participating organizations. Note that each organization will have its own instructions on how to submit required documents
for evaluation. The evaluation must also show that a bachelor's degree equivalent to one in the United States has been earned.

**Technology Requirements**

- The OTD program requires students to have access to personal technology such as a laptop computer, tablet, or PC throughout the duration of the program as well as a working webcam during the hybrid/online courses. Students should reference our Campus Technology Website (https://www.monmouth.edu/technology/new-to-mu/recommended-hardware-and-software/) for detailed suggestions before purchase.

**Technology Competency Requirements**

- The Monmouth OTD program requires completion of coursework in a predominantly traditional week day. However, there are a few courses that are delivered in hybrid/online format. Success in both the online and in person portions of the program requires students to have the ability to navigate the College’s learning management system (eCampus), manage electronic communications, utilize research and information databases, and apply software. Online courses may consist of a combination of scheduled synchronous and asynchronous learning activities; synchronous sessions will require use of the Zoom platform. In person courses will maximize the use of technology with no seat time reduction, using the eCampus learning management system for administration, communication, assessment and content delivery to both supplement and enhance the face to face experience. Prior to starting coursework, all students will be required to complete an online orientation through eCampus that will prepare them to meet the technology requirements of the online portions of the program. Additionally, students will have ongoing access to the Help Desk (https://www.monmouth.edu/technology/support/) to manage questions or concerns with technology while in the program.

For information regarding OTD accreditation status, please visit monmouth.edu/OTD

**Doctor of Nursing Practice (D.N.P.)**

1. Applicant must be a graduate of an accredited Master’s in Nursing program or a related field (i.e., M.B.A., M.P.H., M.H.A.).
2. Possession of an active R.N. license.
3. Certification in a specialization is preferred.
4. Must have a minimum of GPA of 3.2 or higher on a 4.0 scale.
5. Currently employed.
6. Statement of vision of her/his leadership role to improve healthcare outcomes.
7. Résumé that includes details of current practice.
8. Two professional and/or academic letters of recommendation.
9. Official transcripts from all previous college work.
10. Telephone or in person interview may be a part of the admission process.
11. Current liability and malpractice insurance of $1,000,000 to $3,000,000.
12. After admission, prior to starting classes, students must submit to the School of Nursing and Health Studies a certificate of good health from a primary care practitioner, including a health history and physical examination with associated laboratory studies, immunizations, and criminal background checks in accordance with the special requirements of affiliation contracts with clinical agencies.
13. After admission, students are required to show proof of 500 post baccalaureate hours or take an additional course to complete these hours prior to registering for leadership immersion courses.

**Graduate Endorsements:**

- School Nursing
- School Nursing - Non-Instructional

**Graduate Certificate in Forensic Nursing**

1. Possession of a baccalaureate degree with a minimum 3.0 GPA.
2. A current New Jersey R.N. license, a year of experience as a registered nurse, and proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.

**Post-Master’s Certificates:**

- Adult-Gerontological Primary Care Nurse Practitioner
- Family Psychiatric and Mental Health Nurse Practitioner
- Family Nurse Practitioner

1. Possession of a baccalaureate degree with a 3.0 GPA and a master’s degree in nursing.
2. A current New Jersey RN license, a year of experience as a registered nurse in the specialty track and proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.
3. A personal statement (one or two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director’s discretion for the nursing practitioner tracks.).
6. Résumé.

**Graduate Admission Requirements for School of Education Certification and Endorsement Programs**

**Graduate Certificate: Teaching English to Speakers of Other Languages**

1. Possession of a baccalaureate degree with a minimum 3.0 overall in the undergraduate major.
2. A passing score for the Oral Proficiency Interview (OPI) in the English Language for non-native speakers of English.

**Graduate Certificate: Autism**

1. Possession of a baccalaureate degree with a minimum 3.0 overall and in the undergraduate major.
2. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
3. Essay (500 words or more) explaining why the applicant wishes to pursue this graduate program.
Graduate Certificate: Applied Behavior Analysis
1. Bachelor’s degree from an accredited institution with a minimum 3.0 overall and in the undergraduate major.

Graduate Endorsement: Teacher of Students with Disabilities
1. Possess or be eligible for a standard or provisional New Jersey instructional certificate with an endorsement appropriate to the subject or grade level to be taught.
2. Possession of a bachelor’s degree from an accredited institution and have achieved a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a minimum 3.0 in the undergraduate major.
3. Applicant must submit two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Applicant must submit an essay of 500 words or more explaining why applicant wishes to pursue a Teacher of Students with Disabilities endorsement.
5. Official undergraduate and graduate transcripts.

Graduate Endorsement: Bilingual/ Bicultural
1. A degree in a K-12 school curriculum content area other than foreign language or English as a Second Language.
2. Certificate of eligibility with advanced standing, or a standard New Jersey instructional certificate or a certificate of eligibility with a teaching position in an ESL/Bilingual setting.
3. A passing score for nationally recognized test of oral and written proficiency in both English and the target language.

Graduate Subject Endorsement in Chinese - CEAS
1. A minimum of 30 credits in Chinese, which may include the art, culture, economics, history, and/or literature of China.
2. Remaining requirements are the same as those listed for the Master of Arts in Teaching.

Post-Master’s Endorsement: Director of School Counseling Services
1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a minimum 3.0 GPA in the undergraduate major.
2. Possession of a master’s degree.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more) explaining why the applicant wishes to pursue this graduate program.

Note: Must hold a New Jersey school counselor or student personnel services certificate or an equivalent out-of-state certificate. Upon completion, provide documentation evidencing completion of three years of successful experience as a school counselor in grades P-12 to be eligible for the endorsement.

Post-Master’s Endorsement: Supervisor
1. Possession of a Master’s degree.
2. See the MSEd Admission requirements above.

Note: The state code requires that an applicant for the Supervisor certification must hold a standard New Jersey instructional or educational services certificate or its out-of-state equivalent, and complete three years of successful, full-time teaching and/or educational services experience.

Teaching and/or educational services experience completed in a New Jersey public school must have been under an appropriate New Jersey certificate.

Post-Master’s Endorsement: Learning Disabilities Teacher-Consultant
1. Applicant must possess a master's degree.
2. Applicant must hold a standard New Jersey or out-of-state instructional certificate.
3. Students applying for the LDTC endorsement must submit a letter from their administrator stating that they have three (3) years of full-time teaching and/or educational services experience completed in a New Jersey public school.
Students enrolled in the Monmouth University MSW Program must complete fifty-four (54) credits will be able to transfer a maximum of twenty-four (24) credits in foundation level courses of graduate work from another CSWE-accredited MSW program. Students will be eligible for twenty-four (24) credits in foundation level courses of graduate work from another CSWE-accredited graduate program.

6. Applicant must have a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details).

7. Official undergraduate and graduate transcripts.

Teacher Leadership Endorsement

1. Must possess a New Jersey Standard Instructional Certificate
2. 3 or more years of teaching experience
3. A letter from the school district verifying an effective or highly effective summative rating in two of the most recent years of evaluation
4. One letter of recommendation

Transfer Applicants

Final transcripts from previous institutions attended should be received by Monmouth University prior to beginning enrollment. Students who do not provide official transcripts will not be permitted to continue at Monmouth.

Students in the MBA Program must complete a minimum of thirty credits or ten courses in the required and elective core of courses at Monmouth University. Courses requested for transfer will be accepted at the discretion of officially designated evaluators for the program in the School of Business Administration. Transferred courses must be from institutions accredited to offer graduate courses and must carry a minimum grade of “B.”

Acceptance of “P” grades for the purposes of fulfilling transfer credit or waivers to be brought into or as part of a prerequisite for Monmouth University graduate course requirements will be determined on a program-by-program basis.

Students enrolled in the Monmouth University MSW Program who must complete fifty-four (54) credits will be able to transfer a maximum of twenty-four (24) credits in foundation level courses of graduate work from another CSWE-accredited MSW program. Students will be eligible for these credits provided that:

1. the courses requested for transfer were completed with grades of “B” or better,
2. the courses are offered only for graduate credit at the previous institution,
3. the courses are judged appropriate by the MSW Program Director,
4. the courses were completed within the five years prior to admission into the MSW Program at Monmouth University,
5. the courses are foundational courses and do not include field placement or any of the Social Work practice sequence courses, and
6. the credits were earned at a Council on Social Work Education (CSWE)-accredited graduate program.

Students who are enrolled in a Monmouth University MSW Program with advanced standing and who request transfer credits will be evaluated on a case-by-case basis.

Students transferring into certificate programs are allowed to apply no more than 30 percent of the transfer credits into the program. All other restrictions stated above will apply.

Students in other master’s degree programs may, with the permission of the student’s program director and the school dean, transfer a maximum of nine (9) credits of graduate work from another accredited graduate school, provided

1. the courses requested for transfer were completed with grades of “B” or better and were not applied toward another degree,
2. the courses are offered only for graduate credit at the previous institution, and,
3. the courses are judged appropriate by the program director for the degree program in which the student is matriculated at Monmouth University.
4. and the courses Pathophysiology (3 credits), Pharmacology (3 credits), and Advanced Health Assessment (3 Credits) are 5 years old or less.

* Applicable only to students in the M.S.N. Program. Waivers for actively practicing Nurse Practitioners will be considered on an individual basis if older than 5 years.

Students pursuing the M.A. in History or the M.A. in Anthropology will only be permitted to transfer a maximum of six (6) credits.

Students who have successfully completed non-Monmouth English M.A. programs may submit an application for admission to the M.F.A. in Creative Writing. Their applications should include a work sample, letters of recommendation, a personal statement, and official transcripts.

- If accepted, they will be permitted to have 15 credits waived from the completed M.A. program.
- Complete the supplementary 15 credits of graduate level English courses designated with course type EN.CW.
- Complete the remaining M.A. in English required credits before continuing on to the 18-credit M.F.A. curriculum.
- The minimum grade requirement for the waived credits, as well as the 15 creative writing credits is a “B” or higher.
- Students must maintain the total of 48 credits for the M.A./M.F.A. dual degree program as well as complete the same creative writing requirements.

The grades of transferred courses are not used in the computation of the grade point average.

Credit Transfer

Graduate credits earned at another accredited institution may be considered for transfer credit per institutional guidelines. Students who fail to declare attendance at any postsecondary institution where they had been registered automatically waive the right to have that work considered for transfer credit and are subject to disciplinary action and/or suspension. Grades earned at previous institutions are not reflected in the Monmouth University grade point average (G.P.A.).
Former Students Applying for Readmission

Readmission to the University

Former Monmouth University students not on a Leave of Absence who have not attended the University for at least one semester must submit an application for readmission and submit an application fee. Applications can be found on the Monmouth University Web site (http://www.monmouth.edu/apply/). If the applicant has attended another institution during the interim, the applicant must have an official transcript forwarded to the Office of Admission Processing. Students will be re-evaluated based upon the full academic record and will be advised if further information is needed.

Application for Academic Amnesty

(See Academic Amnesty.)

Readmission to the University after Academic Dismissal

Students who have been academically dismissed may apply for readmission. Review of the application and the ensuing decision is made by the Academic Standards and Review Committee. Previously dismissed students seeking readmission must have been away from the University for one full semester. Students who have been dismissed twice may apply for readmission after a minimum of three years. Application must be made through the Office of Admission.

Visiting Students

Students from other institutions must provide a letter of permission from, and be in good academic and disciplinary standing at, the home institution. Applications are available from the Office of Admission. Admission as a visiting student does not constitute admission as a matriculated student. Eligible rising high school seniors may enroll in college-level course work at Monmouth University. Eligibility will be determined by the Office of Undergraduate Admission or Graduate Admission based on a review of the student’s academic credentials.

Adult Applicants

Monmouth University endeavors to support lifelong learning by providing services and programs—degree and nondegree, credit and noncredit—that enable nontraditional students to meet their varied educational needs and goals.

Program 65 affords opportunity for persons 65 years of age or older to enroll for study at Monmouth University at reduced tuition. Admission requirements include the designated nonrefundable application fee and proof of age. Enrollment is on a space-available basis. Those interested in learning more about Program 65 may contact the Office of Undergraduate or Graduate Admission.

Application with Disabilities

Monmouth University welcomes applications from persons with disabilities, complying with the requirements of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. Students who wish to utilize available accommodations and services provided by the University must submit current and adequate documentation related to their disability to the Department of Disability Services for Students.

All applicants, including students with disabilities, must meet all University admission requirements. You are not required to disclose a disability, nor should you submit documentation of your disability with your application materials. If information is provided, it is not used in admission decisions and will be forwarded to the Department of Disability Services for Students. You are welcome to contact the Office of Disability Services for Students at 732-571-3460 to speak with a staff member about how they may be able to assist you. Monmouth University can also be contacted by using the New Jersey Telecommunications TTY Relay Services Operator at 800-852-7899.

International Applicants

International applicants must meet four basic criteria before being accepted and issued an I-20 Form:

- demonstration of academic ability,
- English language proficiency, and
- sufficient financial support, and
- a valid passport

Applicants for admission whose native language is not English must demonstrate English language proficiency. Such proficiency may be demonstrated by submitting an official score report from one of the following standardized tests and meeting the minimum score requirements. Students who have completed the equivalent of a baccalaureate or master’s degree at an accredited institution in a native, English-speaking country may be exempt from these standardized testing requirements.

<table>
<thead>
<tr>
<th>Standardized Test</th>
<th>Minimum Score Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOEFL (Test of English as a Foreign Language)</td>
<td>79 (Internet-based version)</td>
</tr>
<tr>
<td>IELTS (International English Language Testing System)</td>
<td>6 (with no less than a score of 5.5 on any section)</td>
</tr>
<tr>
<td>MELAB (Michigan English Language Assessment Battery)</td>
<td>77</td>
</tr>
<tr>
<td>ESOL (Cambridge University English Certificate of Advanced English for Speakers of Other Languages)</td>
<td>55</td>
</tr>
<tr>
<td>PTE (Pearson Test of English Academic)</td>
<td>79</td>
</tr>
<tr>
<td>TOEIC</td>
<td>6 (with no less than a score of 5.5 on any section)</td>
</tr>
<tr>
<td>ITESOL</td>
<td>77</td>
</tr>
<tr>
<td>Duolingo</td>
<td>105</td>
</tr>
</tbody>
</table>

1 Note that exceptions may be made for graduate programs upon the recommendation of the graduate program director within the student’s major department and with approval from the Provost’s Office. Students must also meet regular standards for admission.

Monmouth University will also accept international students who meet Monmouth’s regular standards for admission and who have successfully completed any of the following programs with our ESL School Partners in lieu of the TOEFL or other English proficiency exam.

<table>
<thead>
<tr>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>TOEFL</td>
</tr>
<tr>
<td>IELTS</td>
</tr>
<tr>
<td>MELAB</td>
</tr>
<tr>
<td>ESOL (CAE) - A B2 constitutes a passing grade</td>
</tr>
<tr>
<td>PTE (Pearson Test of English Academic)</td>
</tr>
<tr>
<td>TOEIC</td>
</tr>
<tr>
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Monmouth University will also accept international students who meet Monmouth’s regular standards for admission and who have successfully completed any of the following programs with our ESL School Partners in lieu of the TOEFL or other English proficiency exam.
were taken and certified by the institution’s Registrar’s Office, Ministry of Monmouth University from the college/university at which the courses are completed. Transcripts are considered official when sent directly to the Office of Admission Processing. Transcripts that are not in English or certificates of all secondary and post-secondary academic records must be sent directly from the institution at which the credit was completed. Students may, upon request, be required to have previous academic work validated, at the student’s expense, through an outside credential evaluation service.

In order to obtain the nonimmigrant Certificate of Eligibility (Form I-20), all accepted international applicants are required to provide financial documentation, such as bank statements, attesting that sufficient funds are available to support the period of study for the degree at Monmouth University. To obtain a copy of the Application for Form I-20 and instructions, visit the Monmouth University international graduate admission Web site. (http://www.monmouth.edu/admission/graduate/international.asp)

Undergraduate applicants who have attended a school outside of the United States must submit official evidence of secondary school completion and certified original copies of national examination results where applicable.

International undergraduate freshman applicants from English-speaking countries must take the SAT or ACT and meet regular standards for admission. To learn from which countries the SAT/ACT is required, please refer to the Monmouth University Admission Web page for international applicants (http://www.monmouth.edu/admission/international/english-profiency-requirements.html).

### ESL School Partnerships

<table>
<thead>
<tr>
<th>School Partnership</th>
<th>Acceptance Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaplan</td>
<td>Advanced Level</td>
</tr>
<tr>
<td>Zoni</td>
<td>Intensive English Program, Advanced Level Course</td>
</tr>
<tr>
<td>Rennert</td>
<td>Upper-high Intermediate level</td>
</tr>
<tr>
<td>ILSC</td>
<td>A1, A2 and A3</td>
</tr>
<tr>
<td>Global ESL Academy</td>
<td>Advanced level Academic program</td>
</tr>
<tr>
<td>ELS Center</td>
<td>Level 112</td>
</tr>
<tr>
<td>TALK International</td>
<td>University Placement Level 9 Program</td>
</tr>
<tr>
<td>Bridge Language Centers</td>
<td>English level C1</td>
</tr>
<tr>
<td>Converse International School of Language</td>
<td>English for Academic Program (EAP)</td>
</tr>
<tr>
<td>EF-Education First</td>
<td>Level C1-1</td>
</tr>
<tr>
<td>ELI</td>
<td>Advanced Level</td>
</tr>
<tr>
<td>New York Language</td>
<td>Upper-Intermediate Level</td>
</tr>
<tr>
<td>Universal English Center</td>
<td>TOEFL Exam</td>
</tr>
<tr>
<td>OHLA (Open Heart Language Academy)</td>
<td>Advanced 2</td>
</tr>
<tr>
<td>ELC</td>
<td>Upper Advanced (combined score of 1000 or greater)</td>
</tr>
</tbody>
</table>

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Undergraduate applicants who have attended a school outside of the United States must submit official evidence of secondary school completion and certified original copies of national examination results where applicable.

International undergraduate Freshman applicants from English-speaking countries must take the SAT or ACT and meet regular standards for admission. To learn from which countries the SAT/ACT is required, please refer to the Monmouth University Admission Web page for international applicants (http://www.monmouth.edu/admission/international/english-profiency-requirements.html).

### International Transfer Applicants

Credentials submitted from foreign institutions will be evaluated by the Transcript Evaluator for credit transfer. Official college transcripts for all college-level work, regardless of whether the credit will be transferable, must be sent directly from the institution at which the credit was completed. Official transcripts, mark sheets, diplomas, degrees, and/or certificates of all secondary and post-secondary academic records and examination results are required. Transcripts that are not in English must be translated and evaluated by a reputable credential evaluation service, such as members of the National Association of Credential Evaluation Services (NACES), and then sent directly from the agency to Monmouth University. A course-by-course evaluation is required for all non-English transcripts. Course descriptions in English of all completed course work are also required if not included in the course-by-course evaluation. Transcripts are considered official when sent directly to Monmouth University from the college/university at which the courses were taken and certified by the institution’s Registrar’s Office, Ministry of Education, or when sent directly from the evaluation agency along with the translation and evaluation to the Office of Admission Processing. Photocopied documents or transcripts marked “issued to student” are not accepted as official.

The records should list all courses the student has taken and grades received in each subject. Course descriptions and/or syllabi and the number of weeks and hours spent in lectures and laboratory work for each course are required of transfer applicants if transfer credit is expected. Only credits from recognized accredited institutions will be considered for direct transfer into any degree program. All course work is subject to approval by the department chair of the specific program chosen; not all courses may transfer. A maximum of sixty-nine credits will be allowed for undergraduates transferring from a two-year accredited institution; a maximum of ninety credits will be allowed when transferring from a four-year accredited institution.

Course work done through national examination may be considered for credit by department evaluation, credit by examination, waiver, or portfolio if results meet specific department and/or University requirements and standards.

Students may, upon request, be required to have previous academic work validated, at the student’s expense, through an outside credential evaluation service.

Failure to declare and/or present all academic work, or presentation of academic records that are found to be altered or of a questionable nature, may result in non-acceptance of student or dismissal of student from the University. Generally, international students currently studying in the United States who wish to transfer to Monmouth University should follow the regular transfer admission process. See details referenced in the International Applicants section for English proficiency requirements. An international student transferring from an institution within the United States is asked to provide the following documentation:

- Admission application
- Nonrefundable application fee
- Official transcript(s)
- Official test scores (as applicable)
- Monmouth University’s F-1 Transfer form (http://www.monmouth.edu/Student/grad/Transfer.pdf) if currently enrolled at a U.S. institution
- Monmouth University’s Application for Form I-20 (http://www.monmouth.edu/uploadedFiles/Content/University/admission/international-students/FormI20.pdf)
- a copy of their passport and VISA

In addition, upon acceptance, the transfer applicant should request the previous institution to transfer his or her Student and Exchange Visitor Information System (SEVIS) record.

International transfer applicants must also provide financial support documentation and passport (see details referenced in the International Applicants section).

### Military Applicants

Monmouth University has been designated as an institutional member of Service Members Opportunity Colleges (SOC), a group of over 400 colleges and universities providing voluntary post-secondary education to members of the military throughout the world. As an SOC member, Monmouth University recognizes the unique nature of the military
lifestyle and has committed itself to easing the transfer of relevant course credit, providing flexible academic residency requirements, and crediting learning from appropriate military training and experiences. SOC has been developed jointly by educational representatives of each of the Armed Services, the Office of the Secretary of Defense, and a consortium of thirteen leading, national higher education associations; it is sponsored by the American Association of State Colleges and Universities (AASCU) and the American Association of Community and Junior Colleges (AACJC).

Veterans and War Orphans
Complete information regarding benefits and procedures for applying may be obtained from Veterans’ Services in the Office of Student Life or the Financial Aid Office. Monmouth University is approved by the New Jersey Department of Military and Veterans’ Affairs for veterans’ benefits.

Non-Disclosure
Failure to submit complete records of all previous academic experiences will result in a student being denied admission, or, in the case of nondisclosure or misrepresentation, the rescinding of admission previously granted.
TUITION AND FEES

It should be noted that more than 80 percent of Monmouth University students are eligible for financial aid. Depending upon family financial circumstances—regardless of income—actual costs could be considerably less than published student charges. Inquiries should be directed to the Financial Aid Office.

Tuition and Fees Per Semester
Effective September 7, 2021

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 - 18 credits</td>
<td>$20,484.00 ($356.00)</td>
<td></td>
</tr>
<tr>
<td>Each credit in excess of 18</td>
<td>$1,186.00/credit ($356.00)</td>
<td></td>
</tr>
<tr>
<td>9 - 11.5 credits</td>
<td>$1,186.00/credit ($178.00)</td>
<td></td>
</tr>
<tr>
<td>Less than 9 credits</td>
<td>$1,186.00/credit ($178.00)</td>
<td></td>
</tr>
<tr>
<td>Auditor Program</td>
<td>$395.00/credit</td>
<td></td>
</tr>
<tr>
<td>Summer Session</td>
<td>$1,003.00/credit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 or more credits</td>
<td>$1,299.00/credit ($356.00)</td>
<td></td>
</tr>
<tr>
<td>Less than 9 credits</td>
<td>$1,299.00/credit ($178.00)</td>
<td></td>
</tr>
<tr>
<td>Auditor Program</td>
<td>$435.00/credit</td>
<td></td>
</tr>
<tr>
<td>Summer Session</td>
<td>$1,312.00/credit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Citizens (Undergraduate and Graduate)</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 or more credits</td>
<td>$341.00/credit ($356.00)</td>
<td></td>
</tr>
<tr>
<td>Less than 9 credits</td>
<td>$341.00/credit ($178.00)</td>
<td></td>
</tr>
</tbody>
</table>

The Comprehensive Fee includes services provided by: Student Center, Student Activities, Health Center, Intercollegiate and Intramural Athletics, Placement, Counseling, and Registration.

Residence Halls

<table>
<thead>
<tr>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spruce/Willow/Cedar/Laurel/Beechwood</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Room</td>
<td>5,611.00</td>
<td></td>
</tr>
<tr>
<td>Double Room</td>
<td>4,432.00</td>
<td></td>
</tr>
<tr>
<td>Elmwood/Pinewood</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Room, small</td>
<td>4,230.00</td>
<td></td>
</tr>
<tr>
<td>Single Room</td>
<td>5,831.00</td>
<td></td>
</tr>
<tr>
<td>Double Room</td>
<td>4,171.00</td>
<td></td>
</tr>
<tr>
<td>Triple Room</td>
<td>3,159.00</td>
<td></td>
</tr>
<tr>
<td>Oakwood/Redwood</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double Room</td>
<td>5,421.00</td>
<td></td>
</tr>
<tr>
<td>Triple Room</td>
<td>3,995.00</td>
<td></td>
</tr>
<tr>
<td>Garden Apartment</td>
<td>6,244.00</td>
<td></td>
</tr>
<tr>
<td>Great Lawn/Maplewood</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double Room</td>
<td>5,701.00</td>
<td></td>
</tr>
<tr>
<td>Triple Room</td>
<td>4,451.00</td>
<td></td>
</tr>
<tr>
<td>Mullaney Hall/Hesse Hall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double</td>
<td>4,671.00</td>
<td></td>
</tr>
<tr>
<td>Triple</td>
<td>3,659.00</td>
<td></td>
</tr>
<tr>
<td>University Bluffs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double - Per Semester</td>
<td>5592</td>
<td></td>
</tr>
</tbody>
</table>

Inter session Housing

<table>
<thead>
<tr>
<th>Residence Halls</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apartments</td>
<td>411.00</td>
</tr>
</tbody>
</table>

Summer Room Rates (per week)

<table>
<thead>
<tr>
<th>Residence Hall</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garden Apartment</td>
<td>317.00</td>
</tr>
<tr>
<td>Great Lawn Apartments</td>
<td>317.00</td>
</tr>
<tr>
<td>University Bluffs Apartments</td>
<td>342.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Study Abroad</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina Room-Home Stay</td>
<td>TBD</td>
</tr>
<tr>
<td>Florence – Italy (room charge) Double – Fall</td>
<td>TBD</td>
</tr>
<tr>
<td>Double – Summer</td>
<td>TBD</td>
</tr>
<tr>
<td>Sorento, Italy</td>
<td>6,200</td>
</tr>
<tr>
<td>France Single</td>
<td>3,650.00</td>
</tr>
<tr>
<td>London – Westminster (room charge) Double</td>
<td>TBD</td>
</tr>
<tr>
<td>Macquarie University – Australia (single room)</td>
<td></td>
</tr>
</tbody>
</table>
### Room & Board

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain (Summer) (Room-Home Stay)</td>
<td>TBD</td>
</tr>
<tr>
<td><strong>Housing Contract Cancellation Fee</strong></td>
<td>500.00</td>
</tr>
</tbody>
</table>

### Board

<table>
<thead>
<tr>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>105 Meals plus points plan</td>
<td>3,113.00</td>
<td></td>
</tr>
<tr>
<td>195 Meals plus points plan</td>
<td>3,284.00</td>
<td></td>
</tr>
<tr>
<td>225 Meals plus points plan</td>
<td>3,389.00</td>
<td></td>
</tr>
<tr>
<td>Carte Blanche Meal Plan</td>
<td>3,500.00</td>
<td></td>
</tr>
</tbody>
</table>

### Financial Information

Tuition and fees are subject to annual increases at the discretion of the Board of Trustees. Tuition and fees charges are in effect as of September 7, 2021. Monmouth University reserves the right to alter any and all charges and to do so within the academic year.

### Other Fees

*(All fees are nonrefundable unless otherwise noted.)*

<table>
<thead>
<tr>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Fee</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>International Application Fee</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>Fall Orientation Fee (full-time, new undergraduate)</td>
<td>200.00</td>
<td></td>
</tr>
<tr>
<td>Spring Orientation Fee (full-time, new undergraduate)</td>
<td>75.00</td>
<td></td>
</tr>
<tr>
<td>Late Payment Fee</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>Physical Education Fee (refundable)</td>
<td>30.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee A (refundable)</td>
<td>100.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee B (refundable)</td>
<td>80.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee C (refundable)</td>
<td>60.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee D (refundable)</td>
<td>40.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee E (refundable)</td>
<td>20.00</td>
<td></td>
</tr>
<tr>
<td>Study Abroad Fee</td>
<td>135.00</td>
<td></td>
</tr>
<tr>
<td>Returned Check Fee</td>
<td>25.00</td>
<td></td>
</tr>
<tr>
<td>Cooperative Education Fee</td>
<td>45.00</td>
<td></td>
</tr>
<tr>
<td>Study Abroad Administration Fee - Fall or Spring</td>
<td>250.00</td>
<td></td>
</tr>
<tr>
<td>Student Teacher Early Field Experience Fee</td>
<td>60.00</td>
<td></td>
</tr>
<tr>
<td>Student Teaching Field Experience Fee</td>
<td>300.00</td>
<td></td>
</tr>
<tr>
<td>Clinical Laboratory and Practicum Fee</td>
<td>300.00</td>
<td></td>
</tr>
<tr>
<td>EdTPA Educator Preparation Voucher Fee</td>
<td>300.00</td>
<td></td>
</tr>
<tr>
<td><strong>Portfolio Assessment Fees (per course)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Workshop</td>
<td>30.00</td>
<td></td>
</tr>
<tr>
<td>Assessment per academic area</td>
<td>225.00</td>
<td></td>
</tr>
<tr>
<td><strong>Credit by Examination Fees</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application Fee per course</td>
<td>15.00</td>
<td></td>
</tr>
<tr>
<td>Undergraduate per credit</td>
<td>1/3 cr. rate</td>
<td></td>
</tr>
<tr>
<td>Graduate per credit</td>
<td>1/3 cr. rate</td>
<td></td>
</tr>
<tr>
<td><strong>Summer Session Fees</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Workshop Fee per hour (refundable)</td>
<td>35.00</td>
<td></td>
</tr>
<tr>
<td>Study Abroad Administration Fee - Summer</td>
<td>125.00</td>
<td></td>
</tr>
<tr>
<td><strong>Summer Room Rates</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residence Hall - per week</td>
<td>241.00</td>
<td></td>
</tr>
<tr>
<td>Garden Apartment - per week</td>
<td>300.00</td>
<td></td>
</tr>
<tr>
<td>Great Lawn Apartment - per week</td>
<td>300.00</td>
<td></td>
</tr>
<tr>
<td>University Bluffs Apartments – per week</td>
<td>325.00</td>
<td></td>
</tr>
<tr>
<td><strong>Parking Fees</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resident (per year)²</td>
<td>350.00</td>
<td></td>
</tr>
<tr>
<td>Resident (spring only)</td>
<td>175.00</td>
<td></td>
</tr>
<tr>
<td>Late Registration (per year)</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>Diploma Replacement Fee</td>
<td>50.00</td>
<td></td>
</tr>
</tbody>
</table>

² Resident students who do not remain in on-campus housing in the spring may file a waiver requesting credit of 1/2 the annual parking fee.

### Explanation of Tuition, Fees, and Deposits

**Tuition Charges:** Undergraduate students are billed according to their status as matriculated full-time or part-time students. Full-time undergraduate students will be billed, upon registering for a given semester, for tuition at the full-time rate; those who register for more...
than eighteen credits will have an additional charge for each credit over eighteen, billed at the part-time rate. Part-time students are billed at the per-credit rate. Undergraduate students wishing to change status must process a Request to Change Enrollment Status form with the Office of the Bursar. In addition, part-time, non-matriculated students must receive approval of the Office of Undergraduate Admission before a change to full-time status can be processed.

Under this policy, undergraduate students whose status is full time will be billed at the full-time rate, regardless of the number of credits for which they are registered, until a Request to Change Enrollment Status form is processed. If a full-time student fails to register for a full-time load by the end of the registration period, the University will adjust the billing and change the student’s status accordingly. An undergraduate student whose status is part-time will be billed at the part-time per-credit rate, unless registered for twelve or more credits (then the student will be billed at the full-time rate). Summer tuition will be billed at the per-credit rate regardless of status.

Financial Aid awards will be based on the student’s status, and students should be aware that change in status may affect Financial Aid eligibility. Graduate students are assessed tuition on a per-credit basis. Students should be aware that the number of enrolled credits may affect Financial Aid eligibility.

Comprehensive Fee: The Comprehensive Fee includes services provided by the Student Center, Student Activities, Health Center, Intercollegiate and Intramural Athletics, Placement, Counseling, and Registration.

Application Fee: This nonrefundable fee is for the cost of processing undergraduate and graduate applications.

Acceptance Deposit: This deposit must be paid by all new full-time undergraduate students (twelve or more credits) prior to registration. Acceptance deposits paid by transfer students are not refundable. Acceptance deposits paid by freshmen for the fall semester are refundable until May 1.

Orientation Fee: This fee is charged to new students to cover the expenses of the orientation program.

Late Payment Fee: A fee is charged to all students who have not properly made final financial arrangements with the Bursar by the payment due date.

Parking Fee: This fee is charged to all resident students who register a motor vehicle with the campus police. Failure to register vehicles will result in parking fines.

Returned Check Fee: A fee is charged for each uncollectible check issued to the University.

Residence Hall Room Reservation Deposit: Students who wish to reserve space in the residence halls are required to forward a $150 room reservation deposit and signed contract prior to registration. The $150 is applied as a credit toward room rent.

Residence Hall Contract Cancellation Fee: This fee is charged to students who have contracted to reserve space in the residence hall and fail to cancel that contract prior to June 1. This fee is in addition to forfeiture of the room reservation deposit.

Physical Education Fee: This fee is for the use of equipment required in the physical education program.

Laboratory and Studio Fee: This fee is charged in addition to the tuition for each laboratory or studio course. It covers costs of additional class hours and special materials.

Credit by Examination Fee: This fee is for the administrative and personnel costs for the Credit by Examination program.

Portfolio Assessment Fee: This fee is for the administrative and personnel costs for the Portfolio Assessment program.

Study Abroad Fee: This fee is charged to Monmouth University students who have been granted permission to enroll in a Study Abroad program sponsored by another college or university.

Student Teacher Early Field Experience Fee: This fee is charged to education majors to offset the expense of the early field experience.

Student Teaching Field Experience Fee: This fee is charged to education majors to offset the expense of student teaching.

Clinical Laboratory and Practicum Fee: This fee is charged to offset the additional costs associated with certain clinical laboratory and practicum courses.

Veterans’ Benefits Policy

In accordance with Title 38 U.S. Code 3679 subsection (e), Monmouth University has adopted the following additional provisions for any students using U.S. Department of Veterans’ Affairs (VA) Post 9/11® G.I.Bill (Chapter 33) or Vocational Rehabilitation and Employment (VR&E) (Chapter 31) benefits, while payment to the institution is pending from Veterans’ Affairs.

Monmouth University will not:

- Prevent the students enrollment;
- Assess a late penalty fee;
- Require VA students obtaining benefits to secure alternative or additional funding;
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

- Provide Chapter 33 Certificate of Eligibility (or its equivalent) or for Chapter 31, Veterans’ Affairs Vocational Rehabilitation and Employment (VR&E) contract with the school on VA Form 28-1905 by the first day of class. *Note: Chapter 33 students can register at the VA Regional Office to use E-Benefits to get the equivalent of a Chapter 33 Certificate of Eligibility. Chapter 31 students cannot get a completed VA Form 28-1905 (or its equivalent) before the VA VR&E case manager issues it to the school.
- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies.

Terms of Payment

Payment of fall semester charges are due in August, and spring semester charges are due in December. Specific dates are set annually and can be viewed on the Bursar Web page under “Payment Deadlines.” Billing
Refund Policy


Check or Money Order: accepted in person, as above, or mailed in the envelope that is enclosed with your bill. The student’s ID number must be written on all checks and money orders.

Credit Cards: Visa, MasterCard, Discover, and American Express are accepted. You may fill out the form included with your bill and return it in the envelope, also provided. This form of payment is also accepted both in person and over the phone. The person to whom the credit card is issued must call.

Online: by electronic check or credit card by logging into the Monmouth University student portal, myMU. Select “Student Bill & Payment Center.”

A student who does not meet their financial obligations to the University will be subject to deregistration from their courses for nonpayment. Financial clearance must be met for a student to graduate or receive transcripts, either official or unofficial (student copy).

If payment is not made as required, the student will not be allowed to register for future semesters/terms until the outstanding balance is satisfied. In addition, all collection costs and fees, including, but not limited to, attorneys’ fees incurred by the University, will be paid by the student.

Tuition Payment Plan

To accommodate parents and students who prefer to pay for educational expenses in monthly installments, payment plans are now available through Student Bill & Payment Center. Starting June 1st prior to each Fall semester, students can enroll in an estimated payment plan using an estimation of their Fall semester balance. Once Fall semester charges are posted on students’ accounts, the estimated payment plan will automatically revert to a real-time payment plan, which will capture students’ actual account balances and recalculate monthly installments accordingly.

Students will be required to pay an Enrollment Fee of $45.00 upon establishment of a monthly payment plan.

The Bursar’s Office provides answers to a list of frequently asked questions (FAQs) regarding the payment plan on its web page.

Refund Policy

Summer Sessions

Refunds, upon withdrawal from summer sessions, will be made according to the policy stated below:

- Students who withdraw from a four-week or six-week summer session within the first week of the session will receive 100 percent refunds. Withdrawals after the first week are not eligible for refunds.
- Students who withdraw from a nine-week or twelve-week summer session within the first week of the session will receive 100 percent refunds. Fifty-percent refunds will be given if courses are withdrawn in the second week. Withdrawals after the second week are not eligible for refunds.

Refund Policy for Complete Withdrawals

Fall and Spring Semesters

Tuition and fees, including room and board fees, will be refunded upon complete withdrawal from all semester courses according to the policy stated below.

Students who withdraw completely from the University after the opening of classes will receive 100 percent refunds (less a $500 cancellation fee as detailed in the Housing Contract) through the end of the first week of the semester. Students who withdraw completely after the first week of the semester will receive pro-rata refunds (less a $500 cancellation fee as detailed in the Housing Contract) calculated on the basis of days enrolled through the sixtieth percent point in the semester. Example: For a semester consisting of seventy-five days, the sixtieth percent point would be the forty-fifth day. Note that weekends are not included toward days counted. Please refer to the Registration Information (http://www.monmouth.edu/registrar/registration_information/default.asp) online for semester start and end dates. Withdrawals after the sixtieth percent point in the semester are not eligible for refunds.

All refunds will be based on the official date of withdrawal, which is the date the completed withdrawal eFORM or an e-mail message (e-mail must be from the student’s University e-mail account and sent to the Registrar’s Office (registrar@monmouth.edu)) is received by the Office of the Registrar (OR). The University encourages students to make notification of withdrawal in writing as outlined above; however, verbal communication in the form of a phone call to the OR will be accepted within the following guidelines:

- The call must be made during business hours (Monday through Friday, 9 a.m. to 5 p.m.).
- The call must be communicated by the student (not a parent or designate) directly to the OR personnel. Voice messages will not be accepted.
- The student must provide name, last four digits of his or her social security number, and his or her unique Monmouth student ID number.
- Telephone withdrawals will be confirmed by the OR.
- The student is responsible for ensuring that the withdrawal is communicated to the OR.
- International students cannot use e-mail or telephone contact with the OR. International students must coordinate registrations and withdrawals with the Office of International Student Services.

Pro-rata percentages are applied against tuition, comprehensive fee, lab fee, orientation fee, and room and board fees (less a $500 cancellation fee for students who have contracted for housing). The resulting amount is then compared to any student payments that may have been made with the difference being the amount still due the University or the amount available to be refunded. There will be no refunding of moneys paid for health insurance, books, supplies, damages, fines, or other fees not mentioned above. Any amount available for refund will be returned to its sources. Federal Title IV aid, state aid, and University aid will receive refunds prior to any refund being paid to the student.

Refund Policy for Partial Withdrawals

Fall and Spring Semesters

All refunds will be based on the official date of withdrawal, which is the date the completed withdrawal eFORM is received by the Office of the Registrar (OR). E-mail or verbal communication will not be accepted for
communicating partial withdrawals to OR. Only the completed withdrawal eFORM will be accepted.

**Full-time undergraduate students** who are registered for twelve to eighteen credits in the semester are not entitled to any refund when withdrawing from one or more, but not all, courses after the first week of the semester. If the student drops below twelve credits prior to the end of the first week of the semester, the student's status will be changed to part-time, and the student will be billed at the per-credit rate. Full-time undergraduate students should note that enrolling for fewer than twelve credits may affect eligibility for financial aid. Those students who are registered for credits in excess of eighteen will be entitled to refunds for tuition paid for credits in excess of eighteen according to the partial withdrawal refund schedule for part-time undergraduate students and graduate students, which follows below.

**Part-time undergraduate students and all graduate students** who withdraw from one or more courses during the semester while remaining registered for one or more courses are entitled to 100 percent refunds on the courses dropped if the courses are dropped during the first week of the semester or on the day following the first class meeting. Fifty-percent refunds will be given if the courses are withdrawn from during the second week. Withdrawals after the second week are not eligible for refunds.

**Housing Contract: Refund Schedule**

Students who change housing and/or board arrangements during the semester while continuing as students at Monmouth University are eligible only for such refunds (less a $500 cancellation fee as detailed in the Housing Contract) as established by the Office of Residential Life. Further information on this process is available from the Office of Residential Life at 732-571-3465.

**Appeal Policy for Refunds**

Appeals for exceptions to the Refund Policy should be made in writing to the Assistant to the Vice President for Student Financial Appeals within one year of the beginning of the semester in question. Information about this process is available from the Office of the Vice President of Finance at 732-571-3427. Further information or explanation of the Refund Policy (http://www.monmouth.edu/campus_life/bursar/refund.asp) is available online from the Office of the Bursar.

Students filing appeals for exceptions to the University Refund Policy are advised that there is a possibility that the amount of Financial Aid they may receive, or may have received, may be adversely affected. Students are advised that it is their responsibility to meet with a representative from the Financial Aid Office to see how filing an appeal will affect their financial aid package.
Monmouth University believes that financing a student's education should be a cooperative effort between the student and the institution. To that end, the staff of the Financial Aid Office is available to assist students in developing a comprehensive educational financial plan. Students are strongly encouraged to contact the Financial Aid Office to engage in this planning process. The Financial Aid Office is accessible by email (finaid@monmouth.edu) or by phone at 732-571-3463. On Monday through Friday from the hours of 10am to 4pm, students can also speak with a counselor in our Zoom room (https://monmouth.zoom.us/j/96690751230/?pwd=Y05IVmFmWWdrWTBHYmVyWmJsUHZVUT09#success); appointments are not necessary.

Application Process

The Free Application for Federal Student Aid (FAFSA) is the primary application for all federal financial aid programs; no supplementary applications are required. Students must apply online (https://www.fafsa.gov).

The FAFSA is completed each year using the student's and, as applicable, their spouse's federal income tax data and should also include Monmouth University's Title IV School Code (002616). Where possible, students should utilize the Data Retrieval Tool (DRT) on the FAFSA to import their tax information directly from the IRS's database into the FAFSA; once income data has been imported no changes to that data should be made. Completed FAFSAs may be submitted to the U.S. Department of Education on or after October 1, 2020 and before June 30, 2022 for the 2021-22 academic year.

Financial data provided on the FAFSA will be forwarded electronically to the University and will be the basis for the creation of the student's financial aid package. The financial aid package will be electronically communicated to the student via the Financial Aid Award Letter; newly enrolling students will receive the award letter at the email address supplied on their application for admission, while continuing students will receive their award letter via e-mail to their University e-mail address. Continuing students may also review their financial aid package at any time on Self-Service section of the financial aid website. Students need not reply to the award letter email unless they are declining or reducing some portion of the aid being offered.

Generally, the initial offer of financial assistance delineated in the award letter is non-negotiable. The financial aid package may, however, be altered as a result of one or more of the following conditions:

- Changes in the student's enrollment (i.e., credit hours) status
- Lack of satisfactory academic progress
- Receipt of financial aid from an outside source
- Discrepancies noted as a result of the verification process

Funding Sources

The student's financial aid package may be comprised of a combination of grant, scholarship, and loan funding; student employment, in the form of graduate assistantships, is also available. Grants and scholarships are forms of assistance that do not have to be repaid, while loans must be repaid with interest. Please review the grants, scholarships, and loan pages which identify and describe the types of funding available at Monmouth University.

Grants and Scholarships

Graduate Scholarships

Monmouth University established the Graduate Scholarship program to provide assistance to students who have demonstrated outstanding academic achievement. Partial-tuition scholarships are awarded by the Office of Graduate Admission to students in most degree programs (students in the Physician Assistant and Speech Language Pathology programs are not eligible) on the basis of the student's cumulative grade point average; master's degree candidates will be awarded on the basis of the undergraduate graduate grade point average, while doctoral degree candidates will be awarded on the basis of their master's degree cumulative grade point average. Scholarships are renewable throughout the duration of the student's enrollment, as long as the student maintains a minimum cumulative grade point average of at least 3.00. Graduate Scholarships are available during the regular academic year (i.e., fall and spring semesters) and in the summer term(s) provided the student enrolls in a total of at least six credits during the course of a semester (note that summer coursework may be spread out across terms, as long as the cumulative total of registered credits is 6 or more).

Second Master's Scholarship

Partial-tuition scholarships are available to students who have completed a master's degree at Monmouth University and who return to the University to matriculate for a second master's degree or graduate-level certificate.

Award amounts vary as a function of tuition and the number of credits for which a student enrolls. Scholarships are available during the fall, spring, and summer terms. All applicants for admission are automatically evaluated for scholarship eligibility; there is no separate application process. Scholarships are renewable throughout the duration of the student's enrollment, provided that the student maintains a minimum cumulative grade point average of at least 3.00.

Awards are not made in combination with the following forms of assistance: tuition remission, Math/Science Educator Scholarships, Graduate Scholarships and senior citizen tuition discounts. The Graduate Scholarship may be combined with a Graduate Assistantship and/or employer tuition reimbursement, but the value of the combined awards cannot exceed the amount of tuition and fees (fees do not include books) assessed to the student's account. Scholarships are renewable throughout the duration of the student's enrollment, as long as the student maintains a minimum cumulative grade point average of at least 3.00.
least 3.00. Scholarships are available during the regular academic year (i.e., fall and spring semesters) and in the summer term(s).

Math/Science Educator Scholarship
The University is committed to providing support for graduate degree candidates who intend to become teachers of math and science. Graduate students who hold a teaching certificate in any subject area may take coursework toward an additional certification in math and/or science and qualify for a scholarship. Those who do not hold a teaching certificate, but who are interested in pursuing certification in math and/or science, are also eligible. However, in addition to the subject-area courses, the student must also complete the Master of Arts in Teaching (MAT) program.

Award amounts vary as a function of tuition and the number of credits for which a student enrolls. Scholarships are available during the fall, spring, and summer terms. All applicants for admission are automatically evaluated for scholarship eligibility; there is no separate application process. Scholarships are renewable throughout the duration of the student’s enrollment, provided that the student maintains a minimum grade point average of at least 3.00.

Awards are not made in combination with the following forms of assistance: tuition remission, Second Master’s Scholarships, Graduate Scholarships and senior citizen tuition discounts. The Graduate Scholarship may be combined with a Graduate Assistantship and/or employer tuition reimbursement, but the value of the combined awards cannot exceed the amount of tuition and fees (fees do not include books) assessed to the student’s account. Scholarships are renewable throughout the duration of the student’s enrollment, as long as the student maintains a minimum cumulative grade point average of at least 3.00. Scholarships are available during the regular academic year (i.e., fall and spring semesters) and in the summer term(s).

Yellow Ribbon Grant
Monmouth University has voluntarily entered into a Yellow Ribbon Agreement with the Department of Veterans Affairs (VA). The agreement is completed on an annual basis and includes the maximum number of students to be funded, the academic level of the students to be funded, and the maximum contribution by the University. The University’s contribution is matched by the VA. Students must be 100% eligible for Post 9/11 benefits to qualify for the Yellow Ribbon program. All interested students must complete the University’s online Yellow Ribbon Application (http://www.monmouth.edu/admission/Yellow_ribbon_program/default.asp). A Certificate of Eligibility and DD-214 are required from all students at least two weeks prior to the start of their first semester. The University provides funding for a total of forty (40) students, who may be either undergraduate or graduate students. Awards are made on a first come, first served basis and students are notified of their eligibility through a financial aid award letter. Students serving on active duty are not eligible for the Yellow Ribbon Program. Students in the Yellow Ribbon Program are not eligible for other institutional grants or scholarships. For students attending a full academic year, Yellow Ribbon benefits are generally awarded in the spring semester after the Post 9/11 benefits have been exhausted. Awards are renewable, provided that the student remains enrolled as a full-time student, continues to meet the eligibility criteria specified by the VA, and meets the standards of Satisfactory Academic Progress for federal awards.

Bachelor’s + Master’s Scholarship
(Formerly known as the Five Year Program Award)
One-time awards of up to $3,000 are made to Monmouth University undergraduates who complete the baccalaureate degree and immediately start the master’s degree program. Students must be full-time graduate students (nine credits or more per semester). The Office of Graduate Admission will advise the Financial Aid Office of eligible recipients and there is no separate application process. Students may receive this award in addition to the Graduate Scholarship or a Graduate Assistantship, but the total of all institutional aid (e.g., scholarship, five year award, and assistantship) cannot exceed tuition and fees; the award may not be made in conjunction with tuition remission or tuition exchange. If the student has an assistantship during the academic year that covers all tuition and fee charges, then student may use the five year award for summer course work, as long as the total dollar value of the award does not exceed $3,000 in the fiscal year.

Athletics Scholarships
The Department of Athletics offers a limited number of grants-in-aid, frequently called athletics scholarships, to student-athletes who are graduate students and who have remaining eligibility as per National Collegiate Athletic Association (NCAA) bylaws. These grants-in-aid are offered and renewed at the discretion of the head coach with the consent and approval of the Director of Athletics and the Director of Financial Aid, within the guidelines prescribed by Monmouth University and the NCAA. Grants-in-aid are made for the academic year; funding for summer course work is awarded at the discretion of the Director of Athletics. Graduate student athletes who receive an athletics scholarship must complete a Grant-In-Aid agreement, as prepared by the Department of Athletics. Student athletes are expected to fulfill their responsibilities for classroom attendance and completion of academic assignments or risk cancellation of their athletics aid; students who cease classroom attendance or participation in academically related activities before the end of the semester may be required to repay all or a portion of scholarship funds awarded for off-campus living expenses.

Federal TEACH Grant
Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant program that provides grants of up to $4,000 per year (including the summer term), for a maximum of $8,000, to graduate students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. In exchange for receiving a TEACH Grant, the student must agree to serve as a full-time teacher in a high-need field (e.g., bilingual education and English language acquisition, foreign language, mathematics, reading specialist, science, special education, or other identified teacher shortage areas) in a public or private elementary or secondary school that serves low-income students. As a recipient of a TEACH Grant, the student must teach for at least four academic years within eight calendar years of completing the program of study for which the TEACH grant was awarded.

IMPORTANT: If the student fails to complete this service obligation, all TEACH Grants will be converted to a federal Direct Unsubsidized Loan, which must be repaid to the U.S. Department of Education. The student will be charged interest from the date the grant(s) was disbursed.
Note: TEACH Grant recipients will be given a six-month grace period prior to entering repayment if a TEACH Grant is converted to a Direct Unsubsidized Loan.

Eligibility Requirements
To receive a TEACH Grant the student must meet the following criteria:

• Complete the Free Application for Federal Student Aid (FAFSA), although you do not have to demonstrate financial need;
• Be a U.S. citizen or eligible non-citizen;
• Be enrolled as a graduate student in a postsecondary educational institution that has chosen to participate in the TEACH Grant program;
• Be enrolled in course work that is necessary to begin a career in teaching or plan to complete such course work. Such course work may include subject-area courses (e.g., math courses for a student who intends to be a math teacher);
• Meet certain academic achievement requirements (generally, scoring above the 75th percentile on a college admissions test or maintaining a cumulative grade point average of at least 3.25);
• Sign a TEACH Grant Agreement to Serve and complete an entrance counseling session.

Educational Opportunity Fund (EOF) Grant
The EOF program, funded by the state of New Jersey, is designed to provide access to graduate education for students who participated in the EOF program at the undergraduate level. Funding is, however, limited. Students who believe they might qualify are encouraged to contact the University's EOF Office at 732-571-3462.

Graduate Endowed Scholarships
The University offers a small number of annual and endowed scholarships to graduate students, which have been made possible through the generosity of friends of the University. All enrolled students receive consideration for these awards, and there is no student-initiated application process. The Financial Aid Office, except where stipulated by the donor, will select the candidate that most closely matches the donor-established criteria. (Note that students in the MSN program must complete the FAFSA and a scholarship application available from the School of Nursing and Health Studies. Scholarship recipients will be selected by the faculty of the School.) Scholarship recipients will be notified via the financial aid award letter.

Loans
Direct Unsubsidized Loan
This is a federally funded loan program available to any graduate student who has completed the FAFSA, is a matriculated student in an eligible academic program, is a US citizen or eligible non-citizen, has maintained Satisfactory Academic Progress and is not in default on a prior student loan; credit worthiness is not a requirement for a Direct Unsubsidized loan. For graduate students, the annual borrowing limit is $20,500 and in combination with all other sources of aid cannot exceed the student’s budgeted cost of attendance. The interest rate is fixed for the life of the loan at 5.28% for loans disbursed on or after July 1, 2021 and before June 30, 2022; interest begins to accrue when the loan is disbursed. Borrowers are charged, by the federal government, an up-front origination fee. For loans disbursed on or after October 1, 2020 and before October 1, 2022 the fee is 1.057%. Unsubsidized Loans are available during the regular academic year (i.e., fall and spring semesters) and may be available during the summer term; to access funds during the summer term, students must complete the University’s Summer Financial Aid Application and must be registered for at least six credits during the course of the summer.

Student loan funds cannot be disbursed to the student’s account until the student has completed a promissory note for the loan and fulfilled Entrance Counseling requirements. (Entrance Counseling is an online tutorial on the rights and responsibilities of student loan borrowers; this requirement may be waived if the student has had a Direct Loan in a prior academic year.) The Financial Aid Office will provide the student with a promissory note and Entrance Counseling materials. Once the student has completed both the Promissory note and the Entrance Counseling requirements, the funds will be electronically transferred to the student’s account.

Direct PLUS Loan for Graduate Students
In addition to the general eligibility requirements noted for the Direct Unsubsidized loan, the student must also not have an adverse credit history. Students may borrow up to the cost of attendance, less other financial aid awarded. Students must also have applied for and utilized the annual loan maximum (i.e., $20,500) in the Direct Unsubsidized Loan program before applying for a Direct PLUS Loan for Graduate Students. The interest rate is fixed for the life of the loan at 6.28% for loans disbursed on or after July 1, 2021 and before June 30, 2022; interest begins to accrue when the loan is disbursed. Borrowers are charged, by the federal government, an up-front origination fee. For loans disbursed on or after October 1, 2020 and before October 1, 2022, that fee is 4.228%. Unless the borrower requests an in-school deferment, the first payment is due sixty days after the loan is fully disbursed. Repayment lasts between ten and twenty-five years based on the total amount borrowed and the repayment option chosen. Students may apply online for a PLUS loan (https://studentloans.gov/myDirectLoan/index.action/). Graduate PLUS Loans are available during the regular academic year (i.e., fall and spring semesters) and may be available during the summer term; to access funds during the summer term, students must complete the University’s Summer Financial Aid Application and must be registered for at least six credits during the course of the summer.

Monmouth University Loan Fund
This loan program is funded by Monmouth University. Awards are made at the discretion of the Director of Financial Aid and are not renewable; the amount of the award is also at the discretion of the Director. The terms and conditions of the loan are as follows:

• Interest on the loan is fixed at 7% for the life of the loan and begins to accrue nine (9) months after the student ceases at least half-time (i.e., six credits) enrollment. When the student ceases half-time enrollment, he or she enters repayment.
• While in repayment, the student is expected to make quarterly payments of principle and interest of at least $120, although a minimum annual payment of 10% of the principle is required.
• The maximum repayment term is ten years and there is no penalty for prepayment.
• In order to accept the offer of a Monmouth University Loan, students must complete a promissory note and disclosure documents as prepared by the Financial Aid Office.
Nurse Faculty Loan Program (NFLP)

The U.S. Department of Health and Human Services has made funding available to the University to loan to master’s degree students and doctoral candidates who intend to work as full-time nursing faculty. The program offers partial loan forgiveness for borrowers that graduate and serve as full-time nursing faculty. Awards are made by the University’s Hess Chair in Nursing Education, in consultation with the Financial Aid Office, and are offered to eligible students on a first come, first served basis. Renewal of the award in subsequent academic years is made on a funds available basis and is conditional upon the recipient having maintained Satisfactory Academic Progress (i.e., having earned a cumulative grade point average of at least 3.0 for all coursework completed at Monmouth University). Award amounts will not exceed the per semester value of tuition, fees, and books less any other grant, scholarship, or assistantship funding; the amount awarded to a student is at the discretion of the Hess Chair. To be eligible for the loan, students must be a U.S. citizen or eligible non-citizen, enrolled as a student in good standing (i.e., registered for at least 3 credits per term) in the Nursing Education M.S.N. program or the D.N.P. program and must not have judgment liens against him/her based on the default of a federal debt. Once the award has been made, the student must complete a promissory note and, for each year in which the loan is awarded, an entrance counseling session; the Financial Aid Office will provide the student with the promissory note and entrance counseling materials.

The NFLP loan will accrue interest on the unpaid balance of the loan at the rate of 3% per annum, beginning three (3) months after the student graduates. In the event that the student fails to complete the program, interest will accrue at the prevailing market rate. The NFLP loan is repayable over a ten-year period beginning nine (9) months after the borrower completes the program, ceases to be enrolled, or ceases to be employed as full-time nurse faculty.

Once the student graduates, it is expected that they will be employed as a full-time faculty member at an accredited school of nursing, and upon completion of each of the first, second, and third consecutive years of employment 20% of the remaining principle and interest will be cancelled. Starting with FY2017, under NFLP, “Full-time” nurse faculty employment is defined as being employed as a full-time faculty member at an accredited school of nursing or being employed as a part-time faculty member at an accredited school of nursing in combination with another part-time faculty position or part-time clinical preceptor position affiliated with an accredited school of nursing that together equate to full-time employment.

Alternative Loans

Alternative financing sources are available from private lenders and are a financing option for students who either do not meet the eligibility criteria for the Direct Loan programs, or who have exceeded the borrowing limits for those programs. Generally, students may apply for a loan of up to the cost of education, as determined by the Financial Aid Office, less any other aid received. Alternative loans are not regulated by the federal government, and the terms and conditions of the loans may vary widely among lenders and, as such, students are encourage to carefully evaluate alternative loan options. Once you have chosen a lender, complete their recommended application process. The Financial Aid Office will then certify the loan, and once the semester begins, funds will be forwarded to the University and credited to the student’s account.

Although alternative loans are generally not regulated by the U.S. Department of Education, the University is required to publish a Code of Conduct (http://catalog.monmouth.edu/graduate-catalog/financial-aid/loans/Code_of_Conduct.pdf) regarding loans.

Employment

Graduate Assistantships

This program provides on-campus employment in a variety of settings to eligible graduate students. Assistantships are generally awarded to outstanding graduate students. The Graduate Assistantship (p. 42) page of this catalog provides more detailed information. The total amount of an assistantship combined with University scholarship(s) and grants will not exceed the cost of tuition and fees in any semester, and the assistantship in combination with all other sources of aid will not exceed the budgeted cost of attendance. Interested students should contact the Office of Graduate Studies for more information.

Satisfactory Academic Progress

Federal regulations require institutions to establish minimum standards of satisfactory academic progress for students receiving federal, state, and/or institutional financial aid. All course work is considered in the evaluation of students’ academic progress, whether or not the student received financial aid at the time the work was completed.

Financial aid at Monmouth University is awarded to students for the entire academic year or summer session. Academic progress for all aid recipients is reviewed at the conclusion of the spring semester. If a student has not met all of the requisite standards, the student will be ineligible to receive federal, state, and/or institutional funds in future terms. Students who are deemed ineligible will be offered the opportunity to submit an appeal for reinstatement of their financial aid; refer to the Appeals section below for the appeals procedure.

The standards for determining satisfactory academic progress at Monmouth University are measured along three dimensions: cumulative grade point average, pace, and maximum time frame.

To remain in good standing, a student must meet each of the three requirements:

- **Cumulative Grade Point Average:** Consistent with the general academic requirements of the University, graduate students must maintain a minimum cumulative grade point average of 3.00 to remain eligible for institutional and/or federal funding.
- **Pace:** All students must successfully complete at least 67% of the credit hours for which they enroll. Note that repeated courses and course work assigned grades of “W,” “WF,” “F,” or “I” will not be counted as credits completed toward graduation but will be counted as attempted credits.
- **Maximum Time Frame:** The maximum number of credits a graduate student may attempt and receive funding for is 150% of the published number of credits required to complete their degree, certificate, or endorsement program.

To maintain satisfactory academic progress for University funding, graduate students must achieve a cumulative grade point average of at least 3.0 for all graduate course work.

Appeals Process

When a student is deemed ineligible for financial aid, the student will be provided with written notification of ineligibility. The student will have the opportunity to submit a written appeal for review. All such
appeals should be forwarded to the Associate Director of Financial Aid. The Associate Director will review the appeal and may elect to return the student to good standing, continue the student's financial aid for a probationary period, reduce the student's financial aid award, or uphold the determination of ineligibility (e.g., cancel the student's financial aid). Students submitting an appeal will be provided written notification of the outcome of their appeal.

Generally, only appeals that involve documented circumstances beyond the student's control which have had an impact upon the student's academic performance will be considered. Circumstances which might merit an appeal include, but are not limited to, the following: serious illness or injury to the student or a member of the student’s immediate family, a death in the immediate family, or divorce. Supporting documentation of the circumstances forming the basis for the student’s appeal must be submitted with the appeal. Students who have been deemed ineligible in a prior semester, but who have since improved their performance to the required level, are also encouraged to submit an appeal for the reinstatement of their aid; the student's financial aid will not be automatically reinstated.

**Return of Financial Aid When a Student Withdraws**

The federal government mandates that students who withdraw from all classes may only keep the financial aid they have "earned" up to the time of withdrawal. Funds that have been disbursed in excess of the earned amount must be returned by the University and/or the student to the source of the aid (i.e., the federal government, the state government, or the University). A withdrawn student could owe aid funds to the University, the government, or both.

A student is considered to have officially withdrawn when he or she notifies the University of his or her intent to withdraw from all classes. The date of the official notice will be used to calculate the amount of financial aid to be returned; in the absence of an official notice of withdrawal, the student's last date of attendance at an academically related activity will be confirmed with the faculty; the last date of attendance at an academically related activity will also be confirmed for a student who has not officially withdrawn and who receives a combination of all "F" and/or "W" grades at the end of the semester. The earlier of the official date of withdrawal or the last date of attendance will be used for calculating the amount of financial aid to be returned to the source. Please refer to the section entitled Course Withdrawals for withdrawal policies and procedures.

To determine the amount of aid the student has earned up to the time of withdrawal (either official or unofficial), the Financial Aid Office divides the number of calendar days the student has attended classes by the total number of calendar days in the semester (minus any scheduled breaks of five days or more). The resulting percentage is then multiplied by the total federal funds that were disbursed for the semester; institutional funds, state funds, and alternative loans will be prorated in the same manner. (Note that if the student remains enrolled and attends class beyond the 60% point of the semester in which aid is received, all aid is considered earned and not subject to a refund calculation.)

This calculation determines the amount of aid earned by the student that he or she may keep (for example, if the student attended 25% of the term, the student will have earned 25% of the aid disbursed). The unearned amount (total aid disbursed minus the earned amount) must be returned to the source by the University and/or the student. The Financial Aid Office will notify and provide instructions to students who are required to return funds.

Funds that are returned to the federal government are used to reimburse the individual federal programs from which the student received the aid. Financial aid returned (by the University and/or the student or parent) must be allocated, in the following order, up to the net amount disbursed from each source:

1. Direct Unsubsidized Loan
2. Direct Graduate PLUS Loan
3. Other Federal Loan or Grant Assistance

It is also possible that the student may have "earned" the aid, but it was not yet disbursed to the student's account. Post-withdrawal disbursement occurs when the student receives less federal student aid than the amount earned (based on withdrawal date). The Financial Aid Office will determine if the student is entitled to a post-withdrawal disbursement and will then offer, in writing, a disbursement of the earned aid that was not received. All post-withdrawal disbursement offers will be made within thirty days of the date the University determined that the student withdrew. The student must accept the post-withdrawal disbursement in writing and within fourteen days from the date that the University sends the notification that the student is eligible to receive the post-withdrawal disbursement. If the student does not respond to the University's notice, no post-withdrawal disbursement will be made and the aid will be cancelled. The student may accept or decline some or all of the post-withdrawal disbursement. Accepted post-withdrawal disbursements will be made from aid programs in the following order:

1. Direct Unsubsidized Loan
2. Direct Graduate PLUS Loan
3. Other Federal Loan or Grant Assistance

**Students whose circumstances require that they withdraw from all classes are strongly encouraged to contact the Financial Aid Office and their academic advisor before doing so.** At that time, the consequences of withdrawing from all classes can be explained and clearly illustrated. Financial aid counselors can provide refund examples and further explain this policy to students and parents.

Students who withdraw from the University may also be entitled to a refund of a portion of their tuition, fees, and room/board charges, dependent upon the point in time at which the student withdraws. See Refund Policy for detailed information on the University’s tuition, fee, and room/board refund policies.
ACADEMIC PROGRAMS, SUPPORT SERVICES, AND REGULATIONS

Graduate Studies
Assistant to the Director of Graduate Studies: Delaine Sarraf

The Graduate Studies Office provides leadership, and administrative and academic support structures for implementing and developing the graduate programs through six academic schools:

- The Leon Hess Business School (p. 119),
- The School of Education (p. 138),
- The Wayne D. McMurray School of Humanities and Social Sciences (p. 53),
- The Marjorie K. Unterberg School of Nursing and Health Studies (p. 188),
- The School of Science (p. 97),
- The School of Social Work (p. 231).

Graduate Student Life is committed to:

- Sponsoring events and activities designed to foster a sense of community among Monmouth graduate students across all disciplines and programs;
- Raising graduate students’ awareness of resources and services available on campus;
- Assessing, addressing, and advocating for the distinct and diverse needs of graduate students at Monmouth;
- Providing opportunities that contribute to professional development and growth;
- Cultivating an environment in which the presence and contributions of graduate students are recognized, valued, and celebrated.

Signature Graduate Student Life programs include New Graduate Student Orientation, Graduate Student Appreciation Week, Grads Give Back day of service, Professional Development Workshop Series, De-Stress for Success, and the Graduate Assistant Appreciation Reception.

Degree Programs
Monmouth University offers a variety of courses and programs at the graduate level. These programs are designed to meet the educational needs of post-baccalaureate students who wish to acquire advanced knowledge and skills in their chosen fields of study and to engage in research and other scholarly activities.

Wayne D. McMurray School of Humanities and Social Sciences
Interim Dean: Richard F. Veit, Ph.D.

Completion of the following programs leads to a Master of Arts (M.A.):

- Addiction Studies
- Anthropology
- Communication
- Communication with a Concentration in Interactive Digital Media
- Communication with a Concentration in Strategic Public Relations and Social Media
- Criminal Justice
- English with a Concentration in Creative Writing
- English with a Concentration in Literature
- English with a Concentration in Rhetoric and Writing
- History

Completion of the following program leads to a Master of Fine Arts (M.F.A.):

- Creative Writing

Completion of the following program leads to a Master of Science (M.S.):

- Clinical Mental Health Counseling

Completion of these certificate programs leads to the following:

- Graduate Certificate in Archaeology
- Graduate Certificate in Geographic Information Systems (GIS)
- Graduate Certificate in Human Resource Management and Communication
- Graduate Certificate in Professional Counseling
- Graduate Certificate in Public Service Communication

School of Social Work
Dean: Robin Mama, Ph.D.

Completion of the following program leads to a Master of Social Work (M.S.W.):

- Clinical Practice with Families and Children Concentration
- Global and Community Practice Concentration

Completion of this graduate certificate program leads to the following:

- Graduate Certificate in Play and Expressive Therapies
- Graduate Certificate in Clinical Social Work Licensure

School of Science
Dean: Steven Bachrach, Ph.D.

Completion of the following programs leads to a Master of Science (M.S.):

- Computer Science
- Information Systems
- Software Engineering

Leon Hess Business School
Dean: Raj Devasagayam, Ph.D.

Completion of the following programs leads to the Master of Business Administration (M.B.A.):

- Business Administration
- Business Administration with a Concentration in Accounting
- Business Administration with a Concentration in Finance
- Business Administration with a Concentration in Management
- Business Administration with a Concentration in Marketing
- Business Administration with a Concentration in Real Estate

Completion of this certificate program leads to the following:
School of Education
Dean: John E. Henning, Ph.D.

Completion of the following program leads to the Master of Arts in Teaching (M.A.T.):
- Master of Arts in Teaching

Completion of the following program leads to the Master of Education (M.Ed.):
- Master of Education

Completion of the following programs leads to the Master of Science in Education (M.S.Ed.):
- Literacy
- Principal
- Principal/School Administrator/Supervisor
- School Counseling
- Special Education
- Student Affairs and College Counseling
- Speech-Language Pathology

Completion of these certificate programs leads to the following:
- Graduate Certificate in Applied Behavior Analysis
- Graduate Certificate in Autism
- Graduate Certificate in Teaching English to Speakers of Other Languages (TESOL)

Completion of the subject endorsement program in Chinese leads to the following:
- Subject Endorsement in Chinese – Certificate of Eligibility with Advanced Standing (CEAS)

Completion of these New Jersey Department of Education endorsement programs leads to the following:
- Endorsement in Bilingual/Bicultural
- Endorsement in Early Childhood
- Endorsement in English as a Second Language
- Endorsement in Student Assistance Coordinator
- Endorsement in Teacher of Students with Disabilities

Completion of these New Jersey Department of Education post-master’s endorsement programs leads to the following:
- Post-Master’s Endorsement – Director of School Counseling Services
- Post-Master’s Endorsement – Learning Disabilities Teacher-Consultant
- Post-Master’s Endorsement – Supervisor

Completion of the following program leads to the Doctor of Education (Ed.D.):
- Doctor of Education (Ed.D.) in Educational Leadership
- Doctor of Education (Ed.D.) in Educational Leadership - Higher Education Track

School of Nursing and Health Studies
Dean: Ann Marie Mauro, Ph.D.

Completion of the following program leads to the Master of Science in Nursing (M.S.N.):
- Nursing

Completion of the certificate program leads to the following:
- Graduate Certificate in Forensic Nursing

Completion of these post-master’s certificate programs leads to the following:
- Post-Master’s Certificate: Adult-Gerontological Primary Care Nurse Practitioner
- Post-Master’s Certificate: Family Nurse Practitioner
- Post-Master’s Certificate: Psychiatric and Mental Health Nurse Practitioner

Completion of the following endorsement programs leads to the following:
- Graduate Endorsement in School Nursing
- Graduate Endorsement in School Nursing – Non-Instructional

Completion of the following program leads to the Master of Science in Physician Assistant:
- Physician Assistant (P.A.)

Completion of the following programs leads to the Doctor of Nursing Practice (D.N.P.):
- Doctor of Nursing Practice (D.N.P)
- Occupational Therapy Doctorate (OTD) (for 2021)

Academic Support Services
The Center for Student Success

The Center for Student Success (CSS) provides academic and career counseling for all students. Academic advising for undergraduate transfer students is coordinated in the CSS. The Center administers Monmouth's Early Warning System (MEWS) for several student populations including first year students, athletes, and undeclared sophomores. MEWS is used to identify students who are experiencing academic difficulty and connects them to their advisors and/or appropriate learning resources across campus. Advising for undeclared sophomores is designed to help with exploration of different majors while taking courses that satisfy degree requirements. Students are required to declare a major no later than the end of sophomore year. Additionally, throughout the year, the CSS offers numerous workshops related to academic, personal, and career topics.

Career Development offers many services and resources in order to assist students with career exploration, career planning, part-time employment, internships, experiential education, and job placement. Students are provided assistance in exploring their career values, interests, and skills.

All students have the opportunity to attend career fairs and meet with many prospective employers who visit the University at the invitation of Career Development. In preparation, students are given professional assistance in writing effective résumés and in acquiring interviewing skills to make the fullest possible use of these opportunities. In order to maintain close ties between the University and its students after
graduation, Monmouth continues to offer these services to alumni. Job opportunities are available to students and alumni through Hawks Career Link, https://www.monmouth.edu/career-services/hawks-career-link/) our online job board.

The CSS provides administrative support for the Experiential Education requirement. Please refer to the Experiential Education Requirements section of this catalog for a complete description of the requirement and the related Web site.

The Office of Service Learning and Community Service provides students with information about service learning and volunteer opportunities in nonprofit agencies, schools, and governmental organizations. Through service learning and volunteering, students can explore their personal, career, and intellectual potential while increasing their knowledge of community needs.

Student Success Services
Student Success Services, including Tutoring and Writing Services and the Math Learning Center, provide personalized academic assistance. Students may be referred by professors, may be required to attend as a result of placement testing, or may come voluntarily.

Tutoring and Writing Services
Located in the Center for Student Success, Tutoring and Writing Services provides free, personalized academic assistance to all students of the University. Students may be referred by faculty members and advisors or may come voluntarily.

Graduate level content-specific tutoring by peer tutors is available for general education M.B.A. classes such as financial and managerial accounting, statistics, economics, business finance, etc. Academic coaches offer weekly, one-on-one sessions focusing on executive functioning skills such as time management, note taking, test taking, and college level reading strategies. In addition, academic skills workshops on strategies for college success are offered as well throughout the semesters and are open to all graduate students. For more information, please contact Tutoring Services at 732-263-5721, by email (tutoringservices@monmouth.edu), or by visiting the Tutoring Services Web (http://www.monmouth.edu/tutoring/) site.

Peer, professional, and faculty writing assistants are available to help students with all stages of the writing process, from the initial drafting of the assignment through the final stages of editing and proofreading. Writing Services also offers seeking assistance with grammar and punctuation skills and documentation styles. For more information, please contact Writing Services at 732-571-7542, by email (writingservices@monmouth.edu) or by visiting the Writing Services Web site (http://www.monmouth.edu/writing/).

Supplemental Instruction (SI) is a peer-facilitated academic assistance program designed to help students succeed in traditionally difficult courses. SI sessions are regularly scheduled, informal review sessions that involve collaborative learning activities through which students can clarify course concepts and practice the types of study strategies that will help them truly master the information and skills required by the target course. Professors will notify students if their course has SI support. For more information about SI, please call 732-571-5345 or visit the SI Web site (http://www.monmouth.edu/SI/).

The Math Learning Center, located in Howard Hall room 203, provides students with assistance in all levels of mathematics. Peer tutors are available to help students solve problems and to review concepts. In addition, students may use the Center to do homework assignments or to study for tests while having a student tutor available. For more information, contact the Department of Mathematics at 732-571-4461.

Disability Services
Monmouth University recognizes the needs of students with disabilities who are capable, with appropriate assistance, of excelling in a demanding university environment. Accommodations and a supportive environment contribute to a students’ success. Services are available to students with disabilities through the Department of Disability Services (DDS).

Students seeking reasonable accommodations must self-identify themselves to DDS by completing the Confidential Registration Form (https://www.monmouth.edu/disability-services/current-students-2020/) located on the DDS website and submit current and adequate documentation (https://www.monmouth.edu/disability-services/documentation-guidelines/) of a condition that substantially affects a major life function. Students should contact the DDS office at dds@monmouth.edu and/or (732) 571-3460 with any questions related to documentation requirements and eligibility of services.

Instructional Technology Support
Monmouth University fully supports the use of technology in teaching/learning through the comprehensive services of Information Management. Faculty are encouraged to integrate a variety of technologies into their courses and are provided necessary training and support to do so. Beyond making use of our learning management system for content presentation and online participation, many employ a variety of Web-based tools to increase student collaboration, participation, and engagement. In addition, the Monmouth University Library catalog and digital databases are available online, as are many instructional materials used in individual courses.

The University has a fully networked and wireless-enabled campus with over 1,000 computers available to students in various lab configurations including Windows, Macintosh, and Unix/Linux. A comprehensive complement of software is available throughout campus in these labs, and course-specific software is made available in departmental computing labs.

All students are provided with an official email account and storage for course-related files and Web pages. The Student Technology Assistant Program (STAP) provides students with the opportunity to learn about current technology, while earning cash and boosting their résumé. Each semester, approximately thirty (30) undergraduate and graduate students from all majors join the program in one of several different positions. STAP members can be found working in the University’s open computer labs, at the Student Help Desk, with multimedia equipment, and troubleshooting problems with computer hardware and software.

For all Information Management service needs, call the Help Desk at 732-923-4357 (HELP), Normal hours are Monday through Friday from 8:30 a.m. until 8:30 p.m. (5 p.m. on Fridays during the summer). Technicians are also on site until 10 p.m., Monday through Friday, with abbreviated availability on weekends. **Please note Help Desk hours are subject to change; check the myMU Portal for the most recent schedule. For more information on the services of Information Management, please visit their Web page (http://www.monmouth.edu/Campus_Technology.aspx).
Guggenheim Memorial Library

The Guggenheim Memorial Library builds and maintains collections to support the teaching and scholarship mission of the University, whether online or in our historic library. Conveniently located adjacent to the residence halls, the library is a comfortable space where patrons can do so much: we have Wi-Fi, 110+ computers, network printers, copiers, document scanners, two classrooms, quiet study space, group meeting space, lounge space for casual reading, outdoor reading tables and benches, and a modest cafe.

Serving our faculty and students with resource materials needed to support both curriculum and research needs, the Guggenheim Memorial Library is the center of learning and research. The Library provides robust access to a diverse collection of more than 400,000 monographs, e-Books, print journals, e-Journals (full text), media titles, microfims, reference materials, and special collections, including government documents, the New Jersey Collection, the Mumford Collection, and the Library Archives. Coupled with Interlibrary Loan and reciprocal borrowing privileges, access to more than 2.1 billion holdings in over 72,000 libraries located in 170 countries around the world is only a request away.

Library online services (http://library.monmouth.edu) are available twenty-four hours per day, seven days per week, and include research guides customized by subject area that can be helpful in jump-starting any project. The building is open seven days a week during the regular semester (until midnight Sunday-Thursday) and our staff is delighted to help, so please ask. We can support our patrons’ needs in many ways, for any assignment, via phone at 732-571-3438 or e-mail (referenc@monmouth.edu) or one-on-one consultation by appointment.

Graduate Assistantships

The employment of Graduate Assistants (GA) is a well-established and successful practice in higher education. At Monmouth University, we recognized the value of GAs for educating graduate students as developing professionals in training, for the important roles GAs serve in interacting with, mentoring, inspiring and helping undergraduate students and fellow graduate students, and for providing critical support to graduate faculty.

Applications are accepted through myMU (http://my.monmouth.edu/) under I Need To... → Apply for a Graduate Assistantship (Students must be accepted to a graduate program, receive a student identification number and create a password to access University Information Systems before they can login to myMU). The application is at the top of the Graduate Studies Office home page. To be considered for a Graduate Assistantship, you must meet all of the conditions described below. If you should qualify, and are a current student or recently enrolled student please submit a GA application, together with your most recent resume, for consideration.

Application Deadlines

Fall Assistantships: August 15th
Spring Assistantships: December 15th

For further information, please contact the:

Office of Graduate Studies
Graduate Center, Room 103
Monmouth University
West Long Branch, NJ 07764-1898

Phone: 732-571-7550

Types of Graduate Assistantships

I. Graduate Assistants

Graduate Assistants (GA) may work in any division of the University in roles that do not necessarily provide direct, substantive or sustained support for teaching or research initiatives. These may include clinical or administrative duties but they must be inherently related to the student’s graduate education and professional goals. Examples may include but are not limited to campus ambassador roles, support for special projects, peer mentoring and support etc. GA positions are not to be used for roles with primary responsibilities that are purely clerical or intended to provide routine secretarial, administrative or office staffing support.

II. Graduate Teaching Assistants

Graduate Teaching Assistants (GTAs) are graduate students who have instructional assignments in classrooms or laboratories, under the supervision of a faculty member who has ultimate responsibility for the course.

GTAs do not replace faculty in the classroom but enhance and permit instruction and instructional support to provide a higher quality educational experience than would be possible otherwise. GTAs provide valuable support to faculty and GTAs benefit from developing teaching skills and a deeper understanding of the discipline by working closely under the supervision of an experience faculty member.

GTAs may have one or more of the following responsibilities:

1. coordinate or assist in instruction in laboratory courses, discussion, quiz or problems sessions, and writing experiences etc.

2. assist with classroom teaching (attending classes, taking notes, taking attendance, proctoring exams, tutoring undergraduate students, help to prepare lectures and discussion sessions), e-mail and other class correspondence, other duties as assigned.

3. meet with students or small groups, lead group discussions, and hold office hours for supporting instruction, mentoring, consultation etc. Depending on the nature of the teaching assistantship, GTAs are encouraged to hold office hours.

4. support in-classroom activities under the supervision of a faculty member.

5. lead discussion, tutorial, or supplemental sessions of courses that are taught by a faculty member.

6. special sessions and class meetings under the supervision of a faculty member.

7. administer colloquium programs or other special session.

8. a GTA may have additional, related duties as assigned.

The faculty member of record for a course bears primary and ultimate responsibility for its instruction. To ensure that the involvement of GTAs in instruction is optimal, faculty members assume the following responsibilities:

• Determining the course content, producing the course syllabus etc.

• Determining the grading policy and assigning grades for the course

• Providing in-service training for GTAs

• Evaluating the progress of the GTA
Requirements for a Graduate Assistantship

1. An incoming graduate student must be duly matriculated in a program and have a GPA of not less than 3.0 in his/her undergraduate education.
2. After having matriculated in a program (for one or more semesters), a graduate student must have a GPA of not less than 3.0 in his/her graduate courses.
3. A student may be awarded an assistantship for a maximum of 6 credits or the actual credits registered (whichever is smaller). Graduate assistantships are compensated according to a rate scale based on credits. For example, a student awarded a 3 credit assistantship will perform work that occupies approximately 7 hours per week for a 14-week semester (total 100 hours) and will receive compensation equal to the cost of 3 credits plus 15% to cover Social Security and other mandatory tax contributions. Tuition payments and applicable deductions will be withheld from the student’s pay and will be applied directly to the student’s Accounts Receivable account. Please note that a graduate assistantship does not cover fees such as comprehensive fees, laboratory fees, graduation fees, etc.
4. If a graduate assistant is also receiving a graduate scholarship, then the sum of the scholarship amount and dollar equivalent of the graduate assistantship should not exceed the student’s tuition for a semester.
5. Graduate assistants must be registered for the semester that they are receiving the assistantship (i.e., graduate assistants cannot credit hours worked in one semester toward tuition for another semester).
6. Upon receipt and acceptance of a graduate assistantship position, the student is responsible for the completion of all appropriate paperwork including approval by the sponsoring department for the graduate assistantship to be processed.
7. Assistants will be expected to work during the hours scheduled by the sponsoring department and Assistants are expected to be available for work at the start of the semester or this may impact their eligibility for an assistantship.
8. An updated application is required for each semester that you wish to be considered for an assistantship, by the above deadlines. Applications are not renewed automatically.
9. The Office of Graduate Studies should be promptly notified if an application has to be withdrawn.

III. Graduate Research Assistants

Graduate Research Assistants (GRA) assist in conducting research of a scholarly nature typically under faculty supervision. The work of a GRA may include but is not limited to developing specific research projects, theoretical analyses and models, gathering and analysis of data, special projects that require substantive research, externally funded projects that support GRA involvement, the production and/or publication of scholarly journals and research reports, and other examples.

The grading system is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A, A-</td>
<td>Exceptional performance</td>
</tr>
<tr>
<td>B+, B-</td>
<td>Strong performance (for undergraduate courses); Average (for graduate courses)</td>
</tr>
<tr>
<td>C+, C, C-</td>
<td>Adequate performance (for undergraduate courses); Poor (for graduate courses)</td>
</tr>
<tr>
<td>D+, D, D-</td>
<td>Poor performance (available for undergraduate courses only)</td>
</tr>
<tr>
<td>F</td>
<td>Failing performance. This grade is given for failure in a course; for unofficial withdrawal from a course after the deadline (see “W” grade); or, in some instances, when an Incomplete grade is not changed by the end of the next regular semester (see “I” grade).</td>
</tr>
<tr>
<td>P</td>
<td>Pass. This grade is given for satisfactory completion of a course that is graded on a Pass/Fail basis. This grade is not used in computing a student’s cumulative grade point average (G.P.A.).</td>
</tr>
<tr>
<td>R</td>
<td>Re-Registration Required. This undergraduate grade is given when a student has made significant, but not sufficient, progress in a developmental course. (See section entitled Developmental Courses.) This grade is not used in computing a student’s cumulative grade point average (G.P.A.).</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory progress. This grade is given at the end of the first semester when satisfactory progress has been made in a course, which is part of a sequence of courses that take more than one semester to complete.</td>
</tr>
<tr>
<td>AU</td>
<td>Audit. This grade is given to a student who attends a class for the purpose of acquiring knowledge, without earned credits. The auditor is expected to attend classes, do assigned reading, and participate in class discussions, but is not required to take examinations.</td>
</tr>
<tr>
<td>T</td>
<td>Transfer. This grade is given to incoming students for courses accepted for transfer by Monmouth University. This grade is not computed in the grade point average (G.P.A.).</td>
</tr>
</tbody>
</table>
W  
Withdrawal. This grade is given for withdrawal from a course or courses up to five weeks before the last day of classes in a regular semester or its equivalent in a shorter term. See the academic calendar for the last date to withdraw in a given semester or term.

I  
Incomplete. This grade is given in cases where permission has been granted by the instructor to postpone completion of specific required work, such as a laboratory project or report or a missed final examination. This grade is not intended for situations where, in the judgment of the instructor, the student must retake the course for an entire semester in order to earn a passing grade. The Incomplete grade, therefore, should not be used in cases where a grade of “W” or “F” would be appropriate. The student must complete the work within the time granted by the professor and no later than the end of the next regular semester. If the unfinished work is not completed within the specified time, an “F” grade will be recorded, unless the instructor indicates otherwise at the time the Incomplete was originally approved.

NR  
No Report. This temporary grade is given by the Registrar when no grade has been received from the instructor at the time that official grades are issued.

X  
Credit by Exam. Portfolio Credit.

Q  
Waived. This graduate grade is determined by the appropriate department to indicate that certain course requirements are waived. This grade is not computed in the student’s grade point average (G.P.A.).

Thus, if a student completes a three-credit course with a grade of A, 12 grade points are awarded. To calculate the grade point average (G.P.A.) for a given semester, a student should divide the number of grade points awarded by the number of credits attempted (excluding withdrawals). The official G.P.A. is rounded to two decimal places.

To calculate the cumulative graduate G.P.A., the total number of grade points awarded is divided by the total number of graduate credits attempted in all sessions at Monmouth University. Calculation of a major G.P.A. includes all courses taken within the major and courses cross-listed within a major. All graduate courses are included with the G.P.A. calculation, regardless of repeats.

Grade Reports

A grade report is e-mailed to each student approximately ten days after the end of each semester. Final grades are recorded on the student’s official academic record. The Office of the Registrar does not respond to individual requests for grades until after the grade reports have been generated.

Student Complaints About Grades

A student who wishes to file a complaint about a course grade should attempt first to resolve the matter through a discussion with the faculty member who taught the course in question. If the faculty member is unable to resolve the matter, the student may contact the department chair in writing, stating the basis of the complaint. Such complaints should be sent to the appropriate department chair within six weeks following the receipt of final grades. A student who is not satisfied with the decision of the department chair may appeal the decision in writing to the dean of the school housing the course. The decision of the academic dean is final.

Change of Grade Requests

In those rare cases where a faculty member determines that a change of grade is warranted, the request must be submitted and approved by the department chair and school dean. All changes must include specific reasons that support the proposed change. Changes beyond one year require the additional approval of the Graduate Academic Standards and Review Committee. Students are not permitted to complete or submit additional work after a term/semester concludes in an effort to improve a grade, unless the original grade was an Incomplete. Changes to grades after a student has graduated will not be considered.

Repeating a Course: Impact on the G.P.A.

When a course is repeated, both grades are used in calculating the cumulative G.P.A. A course in which a grade of “B” or higher has been earned cannot be repeated.
Academic Definitions

Graduate Student Classification

Matriculated/Non-Matriculated

All graduate students are classified as either matriculated or non-matriculated.

1. Matriculated graduate students are:
   a. Degree-seeking;
   b. Regular admits;
   c. Conditional admits in a degree program or certificate program of at least eighteen (18) credits.

2. Non-matriculated graduate students are:
   a. Non-degree-seeking students;
   b. Certificate students not falling in Category I.

Non-matriculated graduate students must meet basic graduate admission requirements, possess a baccalaureate degree with a minimum undergraduate GPA of 2.50, and may take up to two courses in a program.

Attendance as a non-matriculated student does not guarantee future admission as a matriculated student. Non-matriculated students are prohibited from enrolling in graduate business courses and/or graduate education courses pertaining to the Master of Arts in Teaching.

Full-Time/Part-Time

Full-time graduate students, excluding M.S.W. students, carry at least nine credits in a regular semester. Full-time M.S.W. students carry fifteen credits per semester, which includes a field internship experience. Regular full-time M.S.W. students can complete the M.S.W. degree requirements in two calendar years. Students admitted to the Advanced Standing M.S.W. program as full-time students can complete the M.S.W. degree in one calendar year.

Part-time graduate students, excluding M.S.W. students, carry fewer than nine credits per semester. Part-time M.S.W. students carry fewer than fifteen (15) credits per semester. Regular part-time M.S.W. students can complete the M.S.W. degree in four calendar years. Students admitted to the Advanced Standing M.S.W. program as part-time students can complete the M.S.W. degree in two calendar years.

Maximum Course Load

Full-time graduate students normally carry nine credits per semester. Graduate students wishing to enroll in more than fifteen credits for a regular term must first obtain permission from the department chair or program director and the school dean. The maximum course load for the summer is limited to a total of nine credits.

Auditor Classification

An auditor is a student who attends a class for the purpose of attaining knowledge but not to earn credits. The auditor is expected to attend classes, do assigned readings, and participate in class discussions but is not required to take examinations.

Students who wish to audit a class must complete a “Permission to Audit a Class” e-FORM, which is available from the student portal, myMU. This application must be received prior to the third class meeting. Auditor registration is subject to course section availability. No more than two (2) courses may be audited per semester. Students may not change the status of their registration in a course to “audit” or to “for credit” during the term. Auditors may be removed from classes after registering if seats are needed for matriculating students.

Part-time students who audit classes will be charged at the audit rate regardless of their status (matriculated or non-matriculated); the audit rate is one-third of the regular per-credit tuition rate.

Full-time undergraduates whose total semester credits (including those in audited classes) are in the twelve (12) – eighteen (18) range will be billed at the full-time tuition rate. If a full-time undergraduate audits a class whose credits put the total credit load in excess of eighteen (18) credits, the credits beyond eighteen (18) will be billed at the audit rate.

The transcripts of auditors who, in the judgment of faculty members, do not attend class or participate sufficiently, will not reflect the audited courses.

Credit Hours Defined by Course Type

Information regarding credit hours by course type (http://www.monmouth.edu/university/credit-hours-defined.aspx) is available on the Monmouth University Web site.

This resource provides the following information for all lecture, seminar, laboratory, clinical, and art studio classes:

- Course-type definitions;
- Minimum contact time per week;
- Minimum instructional time total;
- Minimum out-of-class student work per week and total per semester;
- Total number of instructional contact hours and student work out-of-class hours.

Please visit the Monmouth University page to obtain the detailed information regarding this topic.

Curriculum of Record

A student’s curriculum of record is the set of degree requirements associated with the student’s particular major that is in effect at the time that major is declared. If major requirements are changed, students may elect to update to the newer version of the major requirements by sending written notification to both the major department and the Office of the Registrar.

The official curriculum of record is maintained in the Office of the Registrar. Students may review their curriculum requirements from their academic audit which is available through the University portal, myMU, under Self-Service, Student Planning, and locate My Progress.

Graduate Developmental Courses

Graduate students may request permission to take a Monmouth University undergraduate course while enrolled as a graduate student at the University. Graduate students who need to make this request should do so using their student e-FORMS account, which is accessible through the student portal, myMU. Please note that undergraduate courses carry no graduate credit and will be listed on the graduate transcript with a grade earned, but no credits. The undergraduate course will not be included as part of the graduate academic program nor will it be included with the graduate grade point average.
Academic Regulations

Graduate Academic Amnesty

Academic amnesty provides former graduate students of Monmouth University an opportunity to improve their program grade point average. A former graduate student of Monmouth University must be away from the University for at least two (2) calendar years to be eligible to apply for academic amnesty. The student may apply for academic amnesty with a stated plan approved by the graduate program director. If academic amnesty is granted, the student will be readmitted under the current catalog of record, and amnesty will be recorded upon his or her re-enrollment. In addition, credit will be given for all Monmouth University courses with grades of “B” or better and as many courses with grades of “B-” as possible while maintaining a program grade point average of 3.00 or better. Courses that are older than seven (7) years may not be used to satisfy curriculum requirements unless specifically approved by the appropriate academic program director.

Students who receive veterans’ educational benefits who are approved for academic amnesty should be aware that they will not be entitled to VA benefits when repeating courses that satisfy requirements that were satisfied prior to academic amnesty.

Academic amnesty may be granted to a graduate student only once. Students who receive Academic Amnesty are required to complete additional course work in order to finish a program. Under no circumstances will grades earned by a student at Monmouth University be expunged from the student’s permanent record or excluded from any transcript sent from Monmouth University.

Courses that receive no credit under the grant of amnesty will not be applied later for fulfillment of any degree or certificate requirement. The University shall not use a grade point average adjusted by amnesty to determine the eligibility of a student for any honors that may be awarded.

The Graduate Academic Standards and Review Committee of the Graduate Studies Office shall evaluate each application for academic amnesty based on recommendation by the director of the graduate program. The Committee will inform the Registrar of its decision and of courses affected by the granting of amnesty.

Academic Honesty

Monmouth University encourages its students to grow intellectually as well as to become responsible citizens in our complex society. To develop their skills and talents, students are asked to conduct research, perform experiments, write papers, work individually, and cooperate in group activities. Academic dishonesty subverts the University’s mission and undermines the student’s intellectual growth. Dishonesty in such academic practices as assignments, examinations, or other academic work cannot be condoned. A student who submits work that is not original violates the purpose of Monmouth University and may forfeit his/her right and opportunity to continue at the University.

The University has an obligation as an educational institution to be certain that each student’s work is his/her own. Note that Monmouth University faculty members have access to Turnitin (http://www.turnitin.com) a Web-based plagiarism-detection resource that compares the text of student papers to an extensive electronic database. This database includes current and archived Internet resources, periodicals, journals and other publications, and past student papers from Monmouth and other educational institutions. All student assignments may be subject to submission for textual similarity review to Turnitin (http://www.turnitin.com) for the detection of plagiarism. All submitted papers may be included as source documents in the Turnitin reference database (solely for the purpose of detecting plagiarism of such papers). Faculty are expected to inform students in advance about which assignments will be checked for originality using Turnitin. Use of the Turnitin service is subject to the Usage Policy posted on the Turnitin (http://www.turnitin.com) site.

Graduate Academic Standing (except Nursing MSN - see below)*

Graduate students are required to maintain an average of 3.00 or better in all courses in the degree or certificate program in which they are enrolled at Monmouth University.

Students who fail to maintain a 3.00 or better average or who accumulate as many as three credits of “B-,” “C+,” “C,” “C-,” or “F” grades will be subject to review by the Graduate Academic Standards and Review Committee. Under no circumstances will more than six credits of “C+,” “C,” and “C-” grades accumulate toward degree credit. Students will not receive their degrees until the policies on the number of “C” grades and G.P.A. are met. Students who have maintained an average of 3.00 or better and who have met the grade requirements as stated above are considered to be in good academic standing.

Nursing MSN Graduate Academic Standing*

A grade of “B” or better in each Master of Science in Nursing course is required to satisfy the course work in the curriculum. The students who earns less than a ‘B’ in a course will be allowed to repeat that course only once. Two grades below a ‘B’ in any individual course or two grades below ‘B’; in different courses will be grounds for dismissal from the program. If a student is required to repeat a course for academic reasons, a formal request to repeat the course and continue in the program should be filed with the director of the program. If a student earns less than a ‘B’ in a repeated course, the student will be academically dismissed from the program. A student in a Master of Science in Nursing program is required to maintain a minimum cumulative average of 3.00 during the program and meet all other academic standards of Graduate Studies.

Doctoral Academic Standing*

A grade of “B” or better in each doctorate course is required to satisfy the course work in the curriculum. The students who earns less than a ‘B’ in a course will be allowed to repeat that course only once. Two grades below a ‘B’ in any individual course or two grades below ‘B’; in different courses will be grounds for dismissal from the program. If a student is required to repeat a course for academic reasons, a formal request to repeat the course and continue in the program should be filed with the director of the program. If a student earns less than a ‘B’ in a repeated course, the student will be academically dismissed from the program. All courses must be completed with a grade of ‘B’ or better before starting the capstone sequence. A student in a doctoral program is required to maintain a minimum cumulative average of 3.00 during the program and meet all other academic standards of Graduate Studies.

Graduate Semester Academic Probation*

All graduate students will be placed on academic probation when their cumulative G.P.A. falls below 3.00. Students on probation should not be absent from any classroom exercise, scheduled class function,
laboratory, or conference period. Furthermore, they may not compete in nor travel for varsity sports or hold office in any University organization. Students on academic probation are not permitted to self-register using WEBregistration, but instead must make all schedule changes with their academic advisor.

**Graduate Academic Dismissal**

Students are reviewed for academic dismissal at the conclusion of the fall, spring, and summer terms. A student shall become subject to academic dismissal for failure to meet the minimum standards listed below:

<table>
<thead>
<tr>
<th>Credits Completed</th>
<th>Minimum Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-9 credits</td>
<td>2.25</td>
</tr>
<tr>
<td>9.5-15 credits</td>
<td>2.50</td>
</tr>
<tr>
<td>15.5-21 credits</td>
<td>2.75</td>
</tr>
<tr>
<td>21.5 and more credits</td>
<td>3.00</td>
</tr>
</tbody>
</table>

1. Please see the Doctoral Grading Policy section of this catalog for separate academic standing criteria.

2. Credits completed include all credits not officially withdrawn from.

Students who have been academically dismissed have the right to appeal that decision in writing to the Graduate Academic Standards and Review Committee.

*Please note that the above policies for academic standing, probation, and dismissal are waived for the MSPA and OTD programs. Satisfactory progress through the MSPA and OTD program requires a minimum passing grade of 'C' (73%) in each course and a minimum 3.0 cumulative GPA. Failing to receive a grade of 'C' or better in any course will automatically result in dismissal from the program. Failing to achieve a 3.0 semester GPA for the first time will automatically result in a student being placed on Academic Warning. Failing to achieve a cumulative 3.0 semester GPA for the second time, will automatically result in a student being placed on Academic Probation. Failing to achieve a cumulative 3.0 GPA for the third time will automatically result in a student being dismissed. Students cannot progress to the clinical phase of training if on Academic Probation (i.e., students must have a cumulative 3.0 GPA to progress to their clinical phase of training). Students can have a maximum of one academic probation during the program (i.e., a second academic probation will result in automatic dismissal from the program).

**Attendance**

Monmouth University believes that attendance is essential to success in academic courses. Therefore, class attendance is required. The University believes that learning is an interactive process dependent in part on the student and is not just a matter of the passive absorption of information. The University also believes that to benefit fully from their respective courses, students need to participate in, and contribute constructively to, the classroom experience, and, secondly, that the success of any course depends as much on what students contribute to the class as on what the instructor presents.

Grades in courses are normally based on academic performance (participation, contribution, and examination). However, individual faculty members may adopt reasonable regulations that additionally relate grades to class attendance. All professors must state their specific attendance policies in a written statement containing the pertinent course requirements and give it to the students during the first week of the semester. A student who, for any reason, may not be present at a particular class or laboratory is, nevertheless, responsible for adhering to the attendance requirements of the course.

Students are not permitted to attend classes for which they have not officially registered (as determined by the Office of the Registrar). If students attend without prior registration, they are subject to disciplinary actions, inclusive of suspension and/or dismissal, and will not be permitted to “retroactively” enroll.

**Course Withdrawals**

Students are expected to complete the courses for which they register. On occasion, however, withdrawals are warranted. (See section entitled “GRADING (p. 43)” for a description of the “W” grade and associated procedures.) Students who do not intend to complete any course for which they are officially registered should execute an official withdrawal prior to the “W” deadline.

The official date of a withdrawal form is the date it is received in the Office of the Registrar. The student is responsible for completing the e-FORMS request prior to the deadline date.

Students withdrawing from some courses while remaining registered for one or more courses are required to complete a “Withdraw from Course Form,” available from e-FORMS. The official date of a withdrawal form is the date the completed form is received in the Office of the Registrar and must be received prior to the Withdraw ("W") deadline date as published in the Academic Calendar.

Students who are withdrawing from all their courses are encouraged to make notification of withdrawal in writing; however, verbal or e-mail notification is acceptable under the guidelines set forth in “Refund Policy for Complete Withdrawals—fall and spring semester (p. 32).”

Except under unusual circumstances, such as prolonged illness, a student will not be permitted to withdraw from course work any later than five weeks prior to the last day of classes of the semester or its equivalent in a shorter term. In these exceptional cases, students will be withdrawn from all course work in the term.

Students who do not complete courses and who have not executed an official withdrawal prior to the deadline indicated will receive “F” grades for such courses.

Students wishing to withdraw from classes after the specified withdrawal deadline must provide documentation of serious extenuating circumstances; the documentation will be reviewed by the appropriate faculty members teaching the courses, the department chairs, the deans of the schools in which the course(s) are housed, and the Registrar.

**Fourteenth Week Class Schedule**

Fourteenth week classes shall be held during a time scheduled by the University.

Fourteenth week information is available on the “Registration Information” (http://www.monmouth.edu/registrar/registration_information/default.asp) page of the Monmouth University Web site. A student who has three or more fourteenth week classes scheduled in one day may request that one of them be rescheduled to another day. It is normally the middle one of the three that is rescheduled. The class should be given at a time agreed upon by both the student and the faculty member on or before the end of the fourteenth week class period.
Graduation

To qualify for graduation, all graduate students must complete all program requirements with a minimum G.P.A. of 3.00.

Diplomas are mailed to students within two weeks after the actual date of graduation.

In those rare instances when a student has not met all degree requirements, but for whom a change to the academic record is received by the Office of the Registrar within one week following the graduation, the student will be considered for the earlier graduation. The effective date of the change must be on or before the actual date of the graduation. Changes received later than one week beyond graduation will not be considered for prior graduation but will be part of the next graduation cycle.

Only students who have completed all graduation requirements, including, but not limited to, course work, credit requirements, G.P.A. minimums, residency requirements, and the like, will be allowed to participate in Commencement.

Independent Study

Independent Study courses permit a student to pursue a research project or guided readings in a subject area not substantially covered in the curriculum. Normally, no more than one Independent Study course may be scheduled during a single academic term.

A student’s advisor must submit the appropriate e-FORM, Undergraduate or Graduate Independent Student Application, on the student’s behalf. The form will be routed by the Registrar’s Office to the supervising professor, department chair, and school dean for their approval prior to registration in the course. Generally, students are expected to complete no more than six (6) credits of independent study. Any exceptions must be approved by the dean of the school in which the student’s major is housed. Failure to process the Independent Study Application within the required timeframe may impact financial aid status and may jeopardize participation in Commencement.

Portfolio Assessment

Students interested in a portfolio assessment must have attained matriculated status and accumulated a total of at least six (6) college credits at Monmouth University. There is a non-refundable fee per area of assessment (please refer to the current catalog for the fees). Interested students should download, complete, and submit the Application for Portfolio Assessment to the Registrar’s Office (which shows proof of payment), along with one copy of their portfolio. The form is available on the Registrar’s forms page (https://www.monmouth.edu/registrar/forms.asp).

Student (Biographical) Data

Any currently enrolled student whose biographical data (e.g., name, address, or Social Security number) has changed must inform the Office of the Registrar in writing. Requests for name or Social Security number changes must be accompanied by legal documentation. Biographical information is not changed for previously enrolled students; alumni should contact the Office of Alumni Affairs to report biographical changes.

Graduates: Taking Courses at Another Institution

Matriculated students who are accepted for graduate work at Monmouth University are expected to complete all remaining course work at Monmouth University. They may not take courses elsewhere for transfer credit without specific prior approval by the graduate program director, the Director of Graduate Studies, and the Registrar. If permission is granted, in order to accept the credits as transfer, the grade must be no less than a “B”.

Submission of the Same Paper or Computer Program for Two Courses

The submission of the same (or essentially the same) paper or computer program for two separate courses without the expressed permission of all faculty members involved is against University policy. (Please refer to the Academic Honesty policy included in this catalog for more information.)

Time Limitation for Completion of Requirements

The requirements of a particular graduate program must be satisfied within a period not exceeding five calendar years and not including a period of service in the Armed Forces. The graduate catalog in effect at the time of admission, readmission, or change of major (whichever is later) shall normally be the student’s official catalog of record. However, faculty and curriculum changes may require related changes in a student’s program. If after following a curriculum of record for five calendar years a student has not completed the requirements of the curriculum, the student must update the curriculum of record (including all requirements) to the most recent one that exists. Requests for exceptions to a curriculum update should be made to the respective program director. The director’s recommendation is then forwarded to the academic school dean and director of graduate studies for final approval. The acceptance of graduate courses taken at Monmouth or elsewhere beyond five years is at the discretion of the program director and is made on a case-by-case basis.

Continuation of Matriculation

A “continuation of matriculation” is required of graduate students who do not complete their practicum, portfolio, project, or thesis in the registered term and will/have receive(d) an “S” grade. The continuation of matriculation is intended to keep the student pursuing his or her practicum, portfolio, project, or thesis in compliance with University policy. Students in this category must complete and submit an “Application for Thesis Continuation” e-FORM, which is available from their MyMU portal each semester until the practicum, portfolio, project, or thesis is complete and the final grade is submitted to the Office of the Registrar. The student will then be registered for a one-credit placeholder course (REG-500 for graduate students and REG-700 for doctorate students) that permits the student use of University facilities to complete this work. Continuation of Matriculation is limited to a period of four (4) consecutive years for a maximum of eight (8) credits.
Substitution of Requirements

Students seeking course substitutions or any deviations from the stated degree requirements of an academic program should first consult with their academic advisors. If the advisor recommends a substitution, the “Substitution of Undergraduate or Graduate Program Requirement” e-FORM should be submitted to their respective department for review. The department will forward their decision to the Office of the Registrar for processing. Students will receive an e-mail to their student accounts after the substitution request has been completed, unless the substitution was initiated by their advisor. In that case, students should follow up with their advisors to make sure that their substitution has been completed. If the department chair does not approve the substitution, the student may appeal that decision to the School of Business Administration. Transferred courses must be approved by exam) towards the certificate program.

Students transferring into certificate programs are allowed to apply no more than 30 percent of the transfer credits into the program. All other restrictions stated above will apply.

Students who have successfully completed non-Monmouth English M.A. programs may submit an application for admission to the M.F.A. in Creative Writing. Their applications should include a work sample, letters of recommendation, a personal statement, and official transcripts.

- If accepted, they will be permitted to have 15 credits waived from the completed M.A. program.
- Complete the supplementary 15 credits of graduate level English courses designated with course type EN.CW.
- Complete the remaining M.A. in English required credits before continuing on to the 18-credit M.F.A. curriculum.
- The minimum grade requirement for the waived credits, as well as the 15 creative writing credits is a "B" or higher.
- Students must maintain the total of 48 credits fore the M.A./M.F.A. program as well as complete the same creative writing requirements.

Use of Other Credits Towards Certificates (Previous Course Work)

Students pursuing a certificate are allowed to apply no more than 30 percent of other credits (i.e., transfer credits or waived classes or credit by exam) towards the certificate program.

* Transfer and/or waived credits in the Forensic Nursing Graduate Certificate are treated differently. Please contact the Department of Nursing for additional information.

Use of Course Work Toward Degree Programs

Students in the M.B.A. Program must complete a minimum of thirty credits or ten courses in the required and elective core of courses at Monmouth University. Courses requested for transfer will be accepted at the discretion of officially designated evaluators for the program in the School of Business Administration. Transferred courses must be from institutions accredited to offer graduate courses and must carry a minimum grade of “B.”

Students enrolled in the Monmouth University M.S.W. Program who must complete fifty-four credits will be able to transfer a maximum of twenty-four (24) credits in foundation level courses of graduate work from another CSWE-accredited M.S.W. program. Students will be eligible for these credits provided that:

1. the courses requested for transfer were completed with grades of “B” or better,
2. the courses are offered only for graduate credit at the previous institution,
3. the courses are judged appropriate by the M.S.W. Program Director,
4. the courses were completed within the five years prior to admission into the M.S.W. Program at Monmouth University,
5. the courses are foundational courses and do not include field placement or any of the Social Work practice sequence courses, and
6. the credits were earned at a Council on Social Work Education (CSWE)-accredited graduate program.

Students who are enrolled in a Monmouth University M.S.W. Program with advanced standing and who request transfer credits will be evaluated on a case-by-case basis.

Students transferring into certificate programs are allowed to apply no more than 30 percent of the transfer credits into the program. All other restrictions stated above will apply.

Students who have successfully completed non-Monmouth English M.A. programs may submit an application for admission to the M.F.A. in Creative Writing. Their applications should include a work sample, letters of recommendation, a personal statement, and official transcripts.

- If accepted, they will be permitted to have 15 credits waived from the completed M.A. program.
- Complete the supplementary 15 credits of graduate level English courses designated with course type EN.CW.
- Complete the remaining M.A. in English required credits before continuing on to the 18-credit M.F.A. curriculum.
- The minimum grade requirement for the waived credits, as well as the 15 creative writing credits is a "B" or higher.
- Students must maintain the total of 48 credits fore the M.A./M.F.A. dual degree program as well as complete the same creative writing requirements.

Students in other master’s degree programs may, with the permission of the student’s program director and the school dean, transfer a maximum of nine (9) credits of graduate work from another accredited graduate school, provided

1. the courses requested for transfer were completed with grades of “B” or better and were not applied toward another degree,
2. the courses are offered only for graduate credit at the previous institution,
3. the courses are judged appropriate by the program director for the degree program in which the student is matriculated at Monmouth University, and
4. the courses Pathophysiology (3 credits), Pharmacology (3 credits), and Advanced Health Assessment (3 Credits) are 5 years old or less*.

* Applicable only to students in the M.S.N. Program. Waivers for actively practicing Nurse Practitioners will be considered on an individual basis if older than 5 years.

The grades of transferred courses are not used in the computation of the grade point average.

Academic Procedures

Scheduling Information

Fall and Spring Semesters

Monmouth University schedules on-campus classes year-round. During the fall and spring semesters, in addition to the traditional schedule of daytime classes, Monmouth also offers non-traditional students other scheduling options. Courses are available in the evening and on weekends.
Summer Sessions
Summer sessions provide a comprehensive program of day and evening courses and special workshops for Monmouth students and students in good standing at other colleges and universities. Summer session programming also provides a taste of college life and a head start for high school students who have completed either the junior or senior year. Because of Monmouth’s location near the shore, summer sessions are well attended by visiting students as well as Monmouth’s own students.

The University offers five regular summer sessions. The maximum course load for graduate students in the summer is nine (9) credits.

Students enrolled at other institutions should receive approval from that institution for courses for which credit is desired. Students must meet all course prerequisites. Admission into the summer program does not constitute acceptance into the University’s regular programs.

Campus recreational and dining facilities are available to summer students. Residence halls will be open to resident students during the summer. Inquiries regarding summer sessions and applications for admission should be addressed to the Director of Admission.

The Monmouth University Student Portal, myMU
All currently registered and deposited Monmouth students have established student accounts for use in schedule preparation, grade and transcript look-up, and academic audits. Students should login to the student portal, myMU, to become familiar with this account so that they can retrieve their academic information. Questions concerning the account can be answered by the Help Desk (732-923-4357), or by utilizing the documentation and tutorials that are linked from the student menu. Examples of information obtainable online include:

• Instructions and Links (e-FORMS)
• Personal Academic Information (Grades, GPA, Schedules)
• Registration (Academic Audit, Search for Courses, Prerequisite Worksheet)
• Graduation (Apply to Graduate)
• Financial Information
• e-FORMS

WebAdvisor is available for general use to view the Schedule of Course Offerings. “Search for Courses” is not restricted by User ID and password and is accessible to all users. Monmouth University provides a menu selection accessible from WebAdvisor for students that allows currently enrolled students to electronically submit academic requests to the department and to the Office of the Registrar.

Current students initiate requests with the Academic Affairs Division by utilizing the e-FORMS selection available from their WebAdvisor menu.

Instructions about how to use WebAdvisor for students and e-FORMS are posted under “Instructions” on the WebAdvisor for students main menu.

Withdraw from the University
Students who intend to withdraw from Monmouth University and plan not to return are requested to notify the University by completing a “Total Withdraw from the University” e-FORM. Provided the e-FORM is received by the “W” deadline date (see academic calendar (http://www.monmouth.edu/university/academic-calendars.aspx)), students will be withdrawn from the current term; otherwise the total withdraw will not be effective until the next regular term.

Application for Graduation
As you approach the completion of your program, students must review their academic audits through the Monmouth University portal, myMU, in order to monitor their degree progress. After the completion of eighteen (18) credits you are required to submit an “Application for Graduation” form to the Office of the Registrar or you will be blocked from all future registration activity. The application is linked from the main menu of WebAdvisor for students which is also accessible from the student portal.

Participation in Commencement
Only students who have completed all degree requirements are permitted to participate in Commencement exercises. All application deadlines for graduation, substitutions of program requirements, grade changes, waivers, transfer credits, and the like are outlined on the “Registration Information” page of the Monmouth University Web site. Failure to meet any of the deadlines may impact inclusion in Commencement-related activities.

Change of Degree or Certificate Program
Students who wish to change their major should seek the advice of the program director of the proposed new graduate program and make themselves familiar with requirements of the new major. Once the student decides which program they would like to change to, he or she should apply for admission to the new graduate program, being sure to include all of the appropriate or required documents with their application.

Changing from Non-Matriculated to Regular (Matriculated) Status
A graduate student accepted to Monmouth University as a non-matriculated (non-degree-seeking) student may request to matriculate (seek a degree) by applying for admission as a matriculated student in a particular graduate program. See Graduate Admission for details.

Course Changes (Add/Drop)
Students can add or drop classes at any time during the open registration period or until the conclusion of the Add/Drop period (as outlined in the Academic Calendar (http://www.monmouth.edu/university/academic-calendars.aspx)) using the Register/Remove Previously Selected Courses feature or with the assistance of their academic advisor/department.

Students who want to petition to add a closed class, or who want to add a class after the Add/Drop Period has concluded, must complete a “Registration: Add Class Form (http://www.monmouth.edu/registrar/forms.asp#PRINT”). This form must be printed and approved by the instructor, department, and/or dean. Students attempting to add a class after the Add/Drop Period has ended must also obtain a “Retroactive Registration Form” from the Bursar. All forms must be brought to the Office of the Registrar for processing immediately after all approvals have been obtained; the forms will not be accepted after the term concludes.
It is the responsibility of the student to see that all forms reach the appropriate office.

Students simultaneously adding and dropping a course (e.g., same course, different section) should use e-FORMS and select "Swap Course Registration." Approvals for this action will be done electronically, and since there is no credit change, Bursar approval is not required.

### Leave of Absence

A leave of absence (LOA) enables students to maintain the same curriculum of record if they intend to be away (no active registration) from the University for a full semester. Interested students should submit an LOA request e-FORM in order to be placed on a leave; e-FORMS are accessible through the Monmouth University student portal, myMU. The deadline to submit this request is by the conclusion of the course change (add/drop) period. Please consult the official University academic calendar (http://www.monmouth.edu/university/academic-calendars.aspx) for specific dates. All degree requirements must be completed as specified in the “Time Limitation” section of this catalog. Students on a LOA may not attend another institution and transfer credits back to Monmouth University.

### Registration

All current Monmouth University students and deposited “Applicants” are provided with access to the University’s student portal, myMU. These students are provided with a unique User ID and password, which allows them to view their personal student information and to conduct their personal student business via the Web.

Continuing students who have met with their academic advisor and received permission to do so may self-register using the registration tools linked from the student portal during the registration period. Specific information for dates and times to register online will be distributed to each student in advance of this period. Other important information regarding registration is available on the "Registration Information (http://www.monmouth.edu/university/registration_information/default.asp)" page of the Monmouth University Web site. Online registration is not available to students who are on academic probation or whose current admission status is conditional.

Continuing students are strongly urged to complete “early registration” for upcoming semesters and terms. Early registration for the fall, spring, and summer semesters usually begins in April and concludes in August. Late registration is conducted during the first week of the fall and spring semesters; students are required to pay the “late registration” fee when registering during the late registration period. Registration after the conclusion of the late registration period requires the written approval of the appropriate faculty and department chairs. Students are not permitted to attend classes for which they are not officially registered (as determined by the Office of the Registrar). If students attend without prior registration, they are subject to disciplinary action, including suspension and dismissal, and will not be permitted to “retroactively” enroll.

New students are invited to register during special programs during the summer and in January as part of their orientation to the University. Late registration is available to new students, although it is less desirable than the mode described above.

Registration privileges are not extended to students who have significant unresolved financial or other obligations to the University. “Holds” are placed on the records of such students. Upon resolution of the obligation, registration privileges are restored. Course prerequisites are updated periodically. Students should confer with their advisors concerning the most recent prerequisites on record for courses they wish to take. Students must fulfill the most current prerequisite requirements prior to taking courses at Monmouth University.

Full time graduate students normally carry nine (9) credits per semester. Graduate students wishing to enroll in more than fifteen credits for a regular term (fall/spring) must first obtain permission from the department chair or graduate program director and the school dean. The maximum course load for the summer is limited to a total of nine credits.

Students must fulfill the most current prerequisite requirements prior to taking courses at Monmouth University.

### Transcript Requests

Current students, former students and alumni may request printed transcripts using the “Request for Transcript of Academic Record” (http://www.monmouth.edu/registrar/transcript/request.aspx) form on the Registrar’s homepage. Please allow five (5) days for processing, except during peak times when processing times maybe delayed.

**Note:** There is no charge for transcripts requested through the Registrar’s Office.

Transcripts may also be requested through the National Student Clearinghouse (https://secure.studentclearinghouse.org/tsorder/faces/TranscriptOrder/). The Clearinghouse will provide a PDF copy of the transcript for a small fee. If the transcript request needs to be processed immediately, the transcript request must be submitted through Clearinghouse. The Registrar’s Office does not print transcripts on demand.

Issuance of transcripts must be first cleared by the Bursar’s Office or any other University office to ensure that there are no outstanding obligations. The University may withhold transcripts, or information related thereto, if an outstanding balance exists, or if repayment of a loan granted either by or through the University is in arrears. During a period of approximately two weeks when grades are being recorded and processed at the conclusion of a semester, transcripts cannot be issued for currently enrolled students.

Monmouth University releases only the Monmouth University transcript; it does not release the transcripts from institutions previously attended by the student.

### University Emergency Closing

Monmouth University has established a Weather Emergency Information Line: 732-263-5900. During emergencies, including weather-related situations when the University may need to close or delay the start of the workday, this line will have a prerecorded message with necessary information for students and staff. If the University must close or cancel classes, a broadcast message will also be sent to all employees and resident students via the campus alert system. You may also find out about weather-related cancellations and closings by e-mail messages, the Monmouth University Web page (http://www.monmouth.edu), social media posts, or from one of the local radio stations or TV channels listed below.
### University E-mail

Monmouth University provides all students with a Monmouth University e-mail account. When communicating via e-mail with University offices, students should use their Monmouth e-mail account so as to easily establish identity. Official communications are sent exclusively to the student’s Monmouth University e-mail account, such as:

- Grade reports
- Semester schedules
- Registration information
- Academic announcements
- Graduation deadlines
- Change-of-class notifications
- Academic standings
THE WAYNE D. MCMURRAY SCHOOL OF HUMANITIES AND SOCIAL SCIENCE

Interim Dean: Richard F. Veit, Ph.D.
Associate Dean: Michael Paul Thomas, M.F.A.

The Wayne D. McMurray School of Humanities and Social Sciences offers thirteen master’s degree programs (Addiction Studies, Anthropology, Clinical Mental Health Counseling, Communication, Communication with an Interactive Digital Media Concentration, Communication with a Strategic Public Relations and Social Media Concentration, Criminal Justice, English with a Concentration in Creative Writing, English with a Concentration in Rhetoric, English with a Concentration in Literature, History, and a Master of Fine Arts (M.F.A.) in Creative Writing, as well as twenty-three undergraduate degree programs. Graduate certificates are offered in creative writing, archaeology, geographic information systems (G.I.S.), professional counseling, and two specific areas of communication. All programs of study are directed toward preparing students for working and living in a global environment.

Study in the humanities and social sciences and related professional fields provide valuable perspectives and skills necessary for both the job market and community life. Among our academic goals are proficiency in all forms of communication, such as scientific literacy; an appreciation for the diversity of people and ideas and the ability to collaborate with others; stimulation of aesthetic sensitivity and creative expression; and the ability to think and react critically.

Within the School of Humanities and Social Sciences are the Freed Chair in Social Science endowed through a gift from the Gerald Freed Foundation. Professor Rekha Datta occupies the Freed Endowed Chair in Social Sciences. The Jules Plangere Jr. Chair in American Social History endowed through a gift of Life Trustee Jules Plangere Jr. Professor Katherine Parkin occupies the Jules Plangere Jr. Endowed Chair in American History and Political Studies. The McMurray-Bennett Endowed Chair in the Humanities. Professor Kristen Bluemel of the English Department occupies the Wayne D. McMurray-Bennett Chair. The Helen McMurray Bennett Endowed Chair of Social Ethics. Professor Johanna Foster occupies the Helen McMurray Bennett Endowed Chair of Social Ethics.

Anthropology

Chair: Christopher DeRosa, Department of History and Anthropology

Master of Arts in Anthropology (M.A.)
The Master of Arts in Anthropology provides students with the necessary credentials to fulfill a variety of professional and academic goals. For students interested in archaeology, their training and degree will prepare them for full-time supervisory-level employment in archaeology, cultural resource management, historic preservation, and geographic information systems (G.I.S.). Students interested in social policy, teaching, public relations, and local community engagement will receive training in qualitative research and other conceptual tools of cultural anthropology that prepare them for work in culturally unfamiliar and diverse situations. Students planning to continue for a Ph.D. will receive a well-grounded education in theory and methods taught by well-published faculty.

Students in the program complete thirty credit hours of course work. Of the thirty credits for the program, six may be transferred from another institution.

Graduate Certificate in Archaeology
The graduate certificate in archaeology is designed for graduate students pursuing careers in cultural resource management, public archaeology, historic preservation, or museum studies. Students will be provided practical training in these fields taught by skilled practitioners with active professional networks. The 18-credit certificate exists within the Anthropology Program and draws on the strengths of the department in anthropology, archaeology, geography, geographic information systems, and history.

Graduate Certificate in Geographic Information Systems (G.I.S.)
The 12-credit graduate certificate in G.I.S. is designed for graduate students in one of the many master’s programs that use spatial data, such as Anthropology, Business, Computer Science, History, Social Work, and potentially other programs. In addition to master’s students, the G.I.S. graduate certificate program will accommodate working professionals who need G.I.S. training to advance their careers.

Programs
Masters
• M.A. in Anthropology - Thesis Track (p. 56)

Certificates
• Graduate Certificate in Archaeology (p. 57)
• Graduate Certificate in Geographic Information Systems (p. 57)

Faculty
Veronica Davidov, Associate Professor and Anthropology Graduate Program Director (Graduate Faculty). Ph.D., New York University. Areas of research interest include cultures of Latin America and ecotourism in the Amazon. Teaching focus includes anthropological theory, ethnographic methods, area studies (Latin American), political ecology, and globalization. v davidov@monmouth.edu

Hillary DelPrete, Assistant Professor (Graduate Faculty). B.S., Tulane University; M.A., Ph.D., Rutgers University. Professor DelPrete is a biological anthropologist with a specialization in modern evolution. Teaching and research interests include human evolution, human variation, human behavioral ecology, and anthropometrics. hdelpret@monmouth.edu

Christopher DeRosa, Associate Professor and Chair (Graduate Faculty). B.A., Columbia University; Ph.D., Temple University. Fields include military history and American political history. Recent research concerns the political indoctrination of American soldiers. cderosa@monmouth.edu

Adam Heinrich, Assistant Professor (Graduate Faculty). B.S., M.A., Ph.D., Rutgers University. Historical and prehistoric archaeology; historical and prehistoric zooarchaeology; cultural and environmental variation in husbandry and meat consumption; taphonomy, African and European diaspora and cultural contact; 17th-19th century commemoration; Osteology/Forensics, Archaeobotany
(macrobotanicals); experimental archaeology; development of mercantile systems; consumerism in archaeology; material culture and social process
ahleinric@monmouth.edu

Richard F. Veit, Professor (Graduate Faculty).
Interim Dean, School of Humanities and Social Sciences. B.A., Drew University; M.A., College of William and Mary; Ph.D., University of Pennsylvania. Teaching areas include archaeology, historic preservation, North American Indians, and New Jersey history. Research interests include historical archaeology, industrial archaeology, and early American Material Culture. Author of Digging New Jersey's Past: Historical Archaeology in the Garden State. rveit@monmouth.edu

Courses

**AN-CPE Anthropology Comprehensive Exam**
Credits: None
Prerequisite(s): 30 graduate credits in Anthropology
Term Offered: All Terms
Course Type(s): None
The Anthropology comprehensive exam is a zero-credit course for students, which will allow students who have completed thirty credits of graduate coursework in anthropology to take a comprehensive exam and complete their degree. This is a pass/fail course.

**AN-THD Thesis Defense**
Credits: None
Prerequisite(s): AN-691 and AN-692
Term Offered: All Terms
Course Type(s): NOSRCH
A zero-credit course that is taken after completing AN-691 and AN-692. It consists of a public presentation of the student's completed thesis research. This is a pass/fail course.

**AN-503 Archaeological Theory**
Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on theoretical issues, past and present, concerning the nature and explanation of culture, cultural reproduction and transformation through time, and the central role of materiality in those processes. As anthropological archaeology, the course is premised on the relationship of archaeology to anthropology and other socio-historical sciences. We will examine the development of archaeology as an academic discipline, the role of theory in interpretation of archaeological materials, and the key concepts of culture and time. The course will examine specific theoretical approaches including culture history, neo-evolutionary-functionalist-ecological approaches, neo-Marxist and materialist perspectives, processualism and postprocessualism, interaction theories (e.g., world systems theory), and contemporary approaches. These include practice/agency, contextual approaches, and other multivocal, feminist, and postcolonial theories of identity-formation in the past. The course will appeal to a wide range of social scientists, and particularly archaeologists, sociocultural anthropologists, and other disciplines working on issues of representation (e.g., museum professionals).

**AN-CPE Anthropology Comprehensive Exam**
Credits: None
Prerequisite(s): 30 graduate credits in Anthropology
Term Offered: All Terms
Course Type(s): None
The Anthropology comprehensive exam is a zero-credit course for students, which will allow students who have completed thirty credits of graduate coursework in anthropology to take a comprehensive exam and complete their degree. This is a pass/fail course.

**AN-THD Thesis Defense**
Credits: None
Prerequisite(s): AN-691 and AN-692
Term Offered: All Terms
Course Type(s): NOSRCH
A zero-credit course that is taken after completing AN-691 and AN-692. It consists of a public presentation of the student's completed thesis research. This is a pass/fail course.

**AN-501 Anthropological Theory**
Credits: 3
Term Offered: All Terms
Course Type(s): None
A seminar-style course that presents students with a survey of the theories that have shaped the thinking of anthropologists for over a century. We cover theories relevant to all four subfields of anthropology (cultural, archaeological, linguistic, and biological), and compare them through a very general set of questions. The five questions asked are 1) How does society hold itself together? (structure); 2) How does society change? (history); 3) How aware are people of their society and its changes? (subjectivity); 4) How are people able to change their society? (agency); and 5) How do people divide society into groups? (alterity).

**AN-502 Seminar in Biological Anthropology**
Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed to provide graduate students with a foundation in the core principles of biological anthropology. We will examine both theoretical issues and empirical evidence in order to better understand evolution of the human species. Topics that will be explored in this course include evolutionary theory, primatology, paleoanthropology and human variation. In addition, this course will examine contemporary issues in human biocultural evolution.

**AN-506 Historical Archaeology**
Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
An intensive introduction to historical and industrial archaeology (c. 1492+). Topics covered include exploration, imperialism, colonization, industrialization, and urbanism. Archaeological field methods and the interpretation of material culture are also introduced. Also listed as HS-506.

**AN-507 Historic Artifact Analysis**
Credits: 3
Term Offered: Fall Term
Course Type(s): None
A graduate-level seminar and lab on select material culture commonly recovered from historical archaeological sites. Artifact classes that are covered in the course include ceramics, glass, and a tobacco pipes. Students in the class will learn artifact identification, historical developments of artifact types, and archaeological methodology for dating and quantifying assemblages. The course also includes discussions on a variety of cultural aspects such as consumption, socio-economic status, gender, mercantilism, and other cultural behaviors in order to help put the artifacts into historical contexts and answer archaeological research questions.

**AN-520 Field Methods in Archaeology**
Credits: 3
Term Offered: Spring Term
Course Type(s): None
An introduction to archaeological field methods: survey and excavation. Students will also learn excavation procedures, descriptive note writing, and drawing, and be introduced to archaeological photography, mapping, reporting, conservation, and curation. Supervised fieldwork will be conducted on archaeological sites. Also listed as HS-520.

**AN-522 Ethnographic Methods**
Credits: 3
Term Offered: Spring Term
Course Type(s): None
An overview of ethnographic research design and methods employed in anthropology. Students will practice research design and methods, data analysis, and write-up techniques. Students will engage questions of ethics through research practice and theoretical discussion.
AN-524 Introduction to Geographical Information Systems (GIS)
Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides both the theoretical and methodological background for proficient use of Geographical Information Systems (GIS). A multidisciplinary integration of theories and applications pertinent to both natural and social science research. Lectures and discussions will introduce the conceptual and methodological platform that is necessary to design, implement, and interpret GIS research. Weekly lab exercises will develop problem-solving skills and emphasize common research techniques in GIS. Students will also learn field techniques of spatial data collection. In sum, demonstrates how both GIS tools and a geographic perspective may be applied to a broad range of social and ecological research problems. Also listed as GO-524.

AN-530 Zooarchaeology: The Archaeology of Animals
Credits: 3
Term Offered: Spring Term
Course Type(s): None
Covers methods of faunal analysis and the application of the study of animal remains to broad topics of cultural study including subsistence, status, and ideology.

AN-532 Native American History and Prehistory
Credits: 3
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Examines North America's native people in the area north of the Rio Grande. It combines North American prehistory with a historical overview of Native American experiences since contact. Evidence from archaeology, oral histories, and written sources are all presented. Challenges facing modern Native Americans are also examined. Also listed as HS-532.

AN-533 Cultural Resource Management Practicum
Credits: 3
Course Type(s): None
Provides a hands-on introduction to and overview of cultural resource management archaeology (CRM), within the broader context of historic preservation. Students read about, discuss, and participate in actual historic preservation/cultural resource management projects in order to learn about current preservation practices.

AN-540 Psychological Anthropology
Credits: 3
Course Type(s): None
An introduction to the subfield of psychological anthropology. Research and inquiry in psychological anthropology is rooted in two traditions. The first is culture and personality which is aligned with psychoanalytical thought; the second is cognitive anthropology which emphasizes cultural models of thought. A fundamental pursuit in psychological anthropology is the relationship between culture, behavior, and thought. Psychological anthropology seeks to understand the relationship between individual and sociocultural phenomena - between polar extremes such as personality and mind and society and culture. Explores how culture and psyche affect each other. Topics include: theoretical frameworks; culture and personality, human development, emotion, self, and mental illness.

AN-555 Ancient Technology
Credits: 3
Term Offered: Spring Term
Course Type(s): None
Provides an introduction to ancient technology/experimental archaeology. It examines the major theories and practices employed by experimental archaeologists. Students will develop skills in traditional technologies, e.g. flintknapping, pot firing, blacksmithing, and timber frame house construction.

AN-562 History of Maps and Mapping
Credits: 3
Term Offered: Spring Term
Course Type(s): None
Students will study the historical developments in cartographic technique, the development of mapping in different parts of the world, and the future of mapping in the computer age. Students will focus on the ways the events and ideology of a time period influence maps and mapping, and how in turn mapping influences history and ideology. Also listed as HS-562.

AN-563 The Amazon
Term Offered: Spring Term
Course Type(s): None
An anthropological seminar focused on the Amazon region, with emphasis on how expert and lay knowledge about the Amazon has been produced and circulated.

AN-572 The History of Tourism
Credits: 3
Term Offered: Fall Term
Course Type(s): HSEU, HSWLD
Students will study the history of tourism in different parts of the world from political, social, cultural, geographic, and economic perspectives. This will include an examination of historical differences in tourist attractions, tourist behaviors, and impacts on tourist destinations and their people. Students will also study how historical memory and interpretation shapes the contemporary tourist experience, as well as questions concerning authenticity and tourism. Also listed as HS-572.

AN-573 Ecological Imperialism
Credits: 3
Term Offered: Spring Term
Course Type(s): HSWLD
Ecological History will examine the relationship between human society(ies) and the natural world over recorded time. As an interdisciplinary exercise this class will draw on the natural sciences, anthropology, and history to better understand the biological, cultural, imperial, ethical, economic, religious, political, and global ramifications of the relationship between humanity and humanity's "natural" surroundings. Also listed as HS-573.

AN-575 Civilizations of the Andes
Credits: 3
Term Offered: Spring Term
Course Type(s): HSNW, HSWLD
A survey of Andean history from the beginning of human settlement through the Inca Empire and the Spanish conquest to contemporary peasant society. The evolution and nature of pre-Columbian civilizations, focusing on Chavin, Paracas-Nazca, Huari-Tiahuanaco, Chimor, and the Inca; the social and political organization of the Inca empire; the Spanish conquest and its impact on native culture; contemporary social changes; and rural migration and the transformation of contemporary Andean society. Theoretical exploration of the developmental trajectory of Andean civilization. Also listed as HS-575.

AN-582 Applied Anthropology
Credits: 3
Term Offered: Fall Term
Course Type(s): None
Applied Anthropology is anthropology put to use - meaning using anthropological research and methods to solve practical problems. This is an advanced level survey course that pays attention to cultural viewpoints, methods and results. While exploring different areas of applied anthropology through the history of the discipline and contemporary research projects, we will study methods unique to this subfield. Practical information, advice and resource on career preparation and development will be offered. By the end of the course, students should be able to answer the question "How can I use anthropology in my future career?"
AN-585 Colonization in Africa
Term Offered: Spring Term
Course Type(s): HSNW
Analysis and appraisal of Colonialism in Africa, reflecting on political, economic, and sociocultural transformations, that occurred in Africa between 1880 and 1960. Also listed as HS-585.

AN-587 Visual Anthropology
Term Offered: Spring Term
Course Type(s): None
Deals with the aspects of visuality in culture and anthropology. A significant part of the course will be devoted to visual anthropology. We will learn about the development of visual anthropology as a discipline, the particular problems and challenges involved in practicing this type of ethnography, the evolution of ideas about accountability, representation, reflexivity and positioning in visual ethnotographic methods. We will start with exploring the role of image in anthropology by considering the relationship between photography and ethnography, and continue to study ethnographic filmmaking, from Robert Flaherty's "Nanook of the North," (considered to be the first ethnographic documentary), to the development of Cinema Verite, to the emergence of indigenous media. Students will gain a nuanced understanding of the subject through weekly writing exercises, presentations, and in-class discussion. For a final project, students will write a long-form paper that will combine original research and visual analysis.

AN-591 Islam
Course Type(s): HSNW, HSWLD
This course examines Islamic history, culture, and art across the world, including but not limited to the Middle East, North Africa, the Balkans, and the Americas. Thematic coverage will include religious/spiritual/ritualistic, political, cultural, and intellectual changes, as well as, imperialism, the rise of nation-states, and cultural interaction with traditionally non-Islamic lands and peoples. Also listed as HS-591.

AN-595 Anthropology Internship/Practicum
Term Offered: All Terms
Course Type(s): None
Provides graduate students with the opportunity to gain substantive career experience and build specific applied skills by working in outside programs, institutions, agencies, and firms engaged in the fields of anthropology, museum studies, public history, and geography.

AN-598 Special Topics in Anthropology
Term Offered: All Terms
Course Type(s): None
Allows students to study a specific aspect of anthropology. The subject matter varies from semester to semester, and depends on the professor who teaches the course. If a prerequisite is required it will be announced in the course schedule.

AN-599 Independent Study in Anthropology
Term Offered: All Terms
Course Type(s): None
Reading and research leading to significant written work under the direction of a member of the anthropology faculty. Prior permission of the directing professor and department chair is required to take this course.

AN-691 Anthropology Thesis (Research)
Prerequisite(s): 15 credits in Anthropology
Term Offered: All Terms
Course Type(s): None
Reading and research leading to significant written work, under the direction of a member of the anthropology faculty. This is a pass/fail course.

AN-692 Anthropology Thesis (Writing)
Prerequisite(s): 18 credits in Anthropology
Term Offered: All Terms
Course Type(s): None
Reading and research leading to significant written work, under the direction of a member of the anthropology faculty. This is a pass/fail course.

AN-693 Anthropology Library Thesis
Prerequisite(s): 23 graduate credits in Anthropology
Term Offered: Spring Term
Course Type(s): None
Reading and research leading to significant written work based on secondary sources, under the direction of Anthropology faculty members, for the completion of the Master’s program in the History and Anthropology department. Each thesis will be supervised by a “first reader” and a “second reader.” First readers must be full-time faculty with terminal degrees in the field. Registration for thesis credits is completed after a successful defense of a prospectus (thesis proposal). This is a pass/fail course.

M.A. in Anthropology - Thesis Track (AN.TT.MA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AN-501</td>
<td>Anthropological Theory</td>
<td>3</td>
</tr>
<tr>
<td>AN-502</td>
<td>Seminar in Biological Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>AN-503</td>
<td>Archaeological Theory</td>
<td>3</td>
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<tr>
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<td>Select two of the following:</td>
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<tr>
<td>AN-520</td>
<td>Field Methods in Archaeology</td>
<td></td>
</tr>
<tr>
<td>AN-522</td>
<td>Ethnographic Methods</td>
<td></td>
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<tr>
<td>AN-524</td>
<td>Introduction to Geographical Information Systems (GIS)</td>
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<td>Select three courses from AN at the 500+ level</td>
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</tbody>
</table>

Thesis (6 credits)

Select one option listed below: 6

| AN-691 | Anthropology Thesis (Research)             |         |
| AN-692 | Anthropology Thesis (Writing)              |         |

OR

| AN-693 | Anthropology Library Thesis                |         |

AND

Select three additional credits from Anthropology at the 500+ level: 0

Total Credits: 30

Admission Requirements

1. Possession of a baccalaureate degree from an accredited college or university with a minimum 3.00 GPA.
2. Essay (500 words) highlighting personal and/or professional goals and objectives for wanting to pursue graduate study in the field of anthropology.
3. Two professional letters of recommendation from persons familiar with the prospective student’s academic and/or professional competence.
Archaeology Graduate Certificate  
(AN.AR.GR.C)

<table>
<thead>
<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>AN-503</td>
<td>Archaeological Theory</td>
<td>3</td>
</tr>
<tr>
<td>AN-506</td>
<td>Historical Archaeology</td>
<td>3</td>
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<tr>
<td>AN-520</td>
<td>Field Methods in Archaeology</td>
<td>3</td>
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<tr>
<td>AN-532</td>
<td>Native American History and Prehistory</td>
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<td>Select 6 credits from the following list of courses:</td>
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<tr>
<td>AN-524</td>
<td>Introduction to Geographical Information Systems (GIS)</td>
<td></td>
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<tr>
<td>AN-533</td>
<td>Cultural Resource Management Practicum</td>
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<tr>
<td>AN-555</td>
<td>Ancient Technology</td>
<td></td>
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<tr>
<td>AN-595</td>
<td>Anthropology Internship/Practicum</td>
<td></td>
</tr>
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</table>

Admission Requirements
1. Possession of a baccalaureate degree from an accredited college or university with a minimum 3.00 GPA.
2. Essay (500 words) highlighting personal and/or professional goals and objectives for wanting to pursue graduate study in the field of anthropology.
3. Two professional letters of recommendation from persons familiar with the prospective student's academic and/or professional competence.

Graduate Certificate in Geographic Information Systems (GIS.GR.C)

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AN/GO-524</td>
<td>Introduction to Geographical Information Systems (GIS)</td>
<td>3</td>
</tr>
<tr>
<td>GO-520</td>
<td>Spatial Database Design and Management in GIS</td>
<td>3</td>
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<tr>
<td>GO-540</td>
<td>Spatial Analysis</td>
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<td></td>
<td><strong>Electives (3 credits)</strong></td>
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<td>Select one course from the following list:</td>
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<tr>
<td>GO-501</td>
<td>Advanced GIS Applications and Project Implementation</td>
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<tr>
<td>GO-510</td>
<td>Cartography in GIS</td>
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<tr>
<td>GO-515</td>
<td>Visual Basic for GIS</td>
<td></td>
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<tr>
<td>GO-559</td>
<td>Remote Sensing and GPS</td>
<td></td>
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<tr>
<td>GO-599</td>
<td>Independent Study</td>
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<tr>
<td>AN/HS-520</td>
<td>Field Methods in Archaeology</td>
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<tr>
<td>AN/HS-562</td>
<td>History of Maps and Mapping</td>
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<tr>
<td>CJ-595</td>
<td>Geographic Information Systems, Crime Mapping, and Analysis</td>
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<tr>
<td>CJ-695</td>
<td>Knowledge into Practice: Criminal Justice Capstone Course</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 12
Communication

Aaron Furgason, Chair, Department of Communication

Communication (M.A.)

Effective communicators are in high demand, especially in the ever-changing social and digital media landscape. Whether you are interested in entering or advancing your career, Monmouth University's 30-credit Master of Arts in Communication gives you an in-depth, inspired understanding of how information, media, and organizations intersect within our global society.

Through classes and seminars you will learn how to address real-world challenges in public relations; interactive and digital media; public service and community relations; and organizational communication. Monmouth offers two concentrations and two certificates to specialize your studies based on your career goals and interests.

You will emerge from the program with a thorough understanding of theory and methods as well as professional application skills taught by dynamic and accessible faculty members who are recognized communication scholars and practitioners.

Master's

M.A. in Communication (Non-Thesis Track) (p. 62)
M.A. in Communication (Thesis Track) (p. 62)
M.A. in Communication with a Concentration in Interactive Digital Media (p. 63)
M.A. in Communication with a Concentration in Strategic Public Relations and Social Media (Non-Thesis Track) (p. 63)
M.A. in Communication with a Concentration in Strategic Public Relations and Social Media (Thesis Track) (p. 63)

Certificates

Public Service Communication Certificate (p. 64)

Programs

Masters

• M.A. in Communication (Non-Thesis Track) (p. 62)
• M.A. in Communication (Thesis Track) (p. 62)
• M.A. in Communication with a Concentration in Interactive Digital Media (p. 63)
• M.A. in Communication with a Concentration in Strategic Public Relations and Social Media (Non-Thesis Track) (p. 63)
• M.A. in Communication with a Concentration in Strategic Public Relations and Social Media (Thesis Track) (p. 64)

Certificates

• Graduate Certificate Public Service Communication (p. 64)

Faculty

Richard Cox, Assistant Professor (Graduate Faculty). B.S., M.F.A., Virginia Commonwealth University. Research interests include creative coding, digital fabrication, open-source electronics, physical computing, play, gaming, extended reality, interactive design, immersive experience design, animation, time-based media, and collaboration.

Chad E. Dell, Associate Professor (Graduate Faculty). B.A., M.A., Ph.D., University of Wisconsin-Madison. Primary fields are broadcasting and cultural studies. Special interests include television production and analysis, broadcast history, and media policy. Research interests focus on an analysis of the exercise of power at the intersection of broadcast industries and audiences. Faculty advisor to Alpha Epsilon Rho, the student chapter of the National Broadcasting Society.

dell@monmouth.edu

Eleanor Novak, Professor (Graduate Faculty). B.A., Georgia State University; M.A., Ph.D., Annenberg School of Communication, University of Pennsylvania. Specialties are journalism, gender studies, research methods, and social justice research. Research interests in racial discrimination, prison issues, high school journalism, and service learning.

enovak@monmouth.edu

Michael Phillips-Anderson, Associate Professor (Graduate Faculty). B.A., George Mason University; M.A., St. John's College; Ph.D., University of Maryland. Areas of interest include political communication, rhetoric, critical/cultural studies, and gender. Teaches Political Communication, Critical Discourse, First Year Seminar, Senior Seminar, and Introduction to Communication.

mphilip@monmouth.edu

Deanna Shoemaker, Associate Professor and Graduate Program Director (Graduate Faculty). B.F.A., Webster University; M.A., Ph.D., University of Texas at Austin. Primary fields are Performance and Theater Studies, Communication Studies, and Gender Studies. Special interests include feminist performance practices, performance of literature, performance ethnography, critical race theory, and First Year Seminar. Research interests include cultural and aesthetic performances of femininity and critical staging of race/ethnicity and sexuality. Faculty advisor to Comm Works, Students Committed to Performance.

dshoemak@monmouth.edu

Marina Vujnovic, Associate Professor (Graduate Faculty). B.A., University of Zagreb; M.A., University of Northern Iowa; Ph.D., University of Iowa. Primary fields of research are participatory journalism and new media studies, media history and gender, critical political economy, and cultural studies, and First Year Seminar. Research interests focus on international communication and global flow of information; journalism studies; and explorations of the historical, political-economic, and cultural impact on media, gender, and ethnicity. Faculty advisor to the student-operated online news magazine, The Verge.

mvujnovi@monmouth.edu

Courses

CO-COL Colloquium in Communication Credits: 1
Term Offered: Spring Term
Course Type(s): None
Department faculty will present their areas of research and graduate courses they teach. Students network with other students, professors, and speakers from various branches of the field of communication.
Graduating students present their research in this forum. This is a pass/fail course.
presentation skills are honed in practice sessions.

for a variety of public communication challenges are studied, and student

with a particular emphasis on presentational technologies. Preparation

management. Speech writing and delivery of persuasive presentations

production and analysis of effective oral presentation and impression

A survey of the rhetorical principles that provide a basis for the

Course Type(s): TPS

Term Offered: All Terms

CO-CPE Communication Comprehensive Exam Credits: None

This is a pass/fail course.

CO-501 Communication Theories for Professional Life Credits: 3

Term Offered: All Terms

Course Type(s): EN.RW

Introduces foundational ideas in the fields of human and mass

communication and the ways scholars have developed these

through research. Highlights theories that apply to public service

communication (social responsibility, relationship building, etc.). Students

learn to write a literature review exploring recognized branches of theory.

CO-502 Research Methods for Professional Life Credits: 3

Term Offered: All Terms

Course Type(s): None

Introduces commonly employed quantitative and qualitative research

techniques in communication as well as research ethics. Students learn

to design a research project, conduct a pilot study, and write a formal

proposal. Research for the public good will be emphasized.

CO-503 Graduate Foundations in Communication Credits: 3

Term Offered: All Terms

Course Type(s): None

Introduces new students to the field of communication, its history,

branches and disciplines, emphasizing communication for the public

good. Assists students in meeting demands of graduate study,

using research resources, and understanding departmental policies.

Establishes public service objectives of the program. Introduces options

for final thesis or project. Students create a plan of study to guide future

course and project selections.

CO-504 Principles of Public Relations Credits: 3

Term Offered: All Terms

Course Type(s): None

Explores the theoretical foundations and principles that encompass the

field and practice of public relations. In addition to surveying relevant

public relations communication theories, students will develop core

competency skills in the creation and execution of strategies and tactics

that encompass comprehensive public relations campaigns.

CO-507 Organizational Communication Credits: 3

Term Offered: Spring Term

Course Type(s): None

The study of the role and impact of communication in contemporary

organizations and a survey of contemporary organizational research.

Examination of how an organization's structure, management philosophy,

and internal culture impact the flow of information, productivity, and goal

achievement of the organization and its members and clients. Study of the

communication processes in business, medical, educational, and

nonprofit organizations.

CO-508 Presentational Communication: Design and Delivery Credits: 3

Term Offered: All Terms

Course Type(s): TPS

A survey of the rhetorical principles that provide a basis for the

production and analysis of effective oral presentation and impression

management. Speech writing and delivery of persuasive presentations

with a particular emphasis on presentational technologies. Preparation

for a variety of public communication challenges are studied, and student

presentation skills are honed in practice sessions.

CO-509 Communication, Culture, and Community Credits: 3

Term Offered: All Terms

Course Type(s): TPS

Fosters an understanding of community as a communication concept

and explores the performance of community roles through civic

engagement and democratic participation. Students will explore the

nature of community, the impact of institutions in everyday life, the

consequences of individual, social, and global privilege, and the

role of personal responsibility in communities. Students test the

possibilities and problems of contemporary forms of community through

a community-based service project.

CO-510 Global Communication and Public Relations Credits: 3

Term Offered: Fall Term

Course Type(s): None

A critical analysis of globalization and global communication theory,

research, and other selected theoretical concepts as they apply to

international communication, media and public relations. Global

communication will be portrayed from various theoretical perspectives,

and this class will examine major trends and stakeholders. Global

communication will be examined from historical, cultural, economic,

public policy, journalism and media, new technology, communication

industry, and public relations perspectives. Particular emphasis will be

on the growing field of scholarly literature in the area of global public

relations.

CO-511 Strategic Digital Communication Credits: 3

Term Offered: Summer Term

Course Type(s): None

Through case study analysis, practical assignments, and examination

of key public relations and marketing research studies, this seminar

type class provides students with an intensive study of the strategic

application of integrated digital and social communication tactics as

they relate to the fields and practice of public relations and marketing.

Through the strategic development of digital integrated communication

plans, students will gain an increased understanding of how to engage

clients and build online communities, identify influences, establish

thought leadership and apply digital marketing techniques.

CO-512 Intercultural Communication and Diversity Management Credits: 3

Term Offered: Spring Term

Course Type(s): TPS

An examination of the cultural nature of communication and the

dynamics of face-to-face interaction between persons from diverse

cultures and co-cultures. Examining the challenge of managing a

diverse organizational workforce in a multicultural society and methods

to increase organization members' intercultural communication

competence.

CO-514 Conflict Management and Negotiation Credits: 3

Term Offered: Spring Term

Course Type(s): TPS

Theory and research on the nature, causes, and resolution of

interpersonal, group, and organizational conflict. A comprehensive

examination of conflict styles, techniques, and methods of resolution

of conflicts. Emphasis is placed on information sharing, effective

listening, problem solving, mediation, and negotiation as tools for conflict

management.
CO-516 Public Relations and Fundraising for Nonprofits Credits: 3  
Term Offered: Spring Term  
Course Type(s): TPS  
Through case study analysis, practical assignments, and examination of key public relations theories, this course provides an understanding of the important role that public relations plays in furthering the mission and goals of nonprofit and non-government organizations (NGOs). Instruction focuses on using effective public relations techniques to gain support from different constituencies.

CO-520 Communication Ethics Credits: 3  
Term Offered: Spring Term  
Course Type(s): None  
Communication ethics is the study of the principles that govern the conduct of private and public communication in the pursuit of the personal and common good. Provides an introduction to communication ethics through the writings of important ancient and contemporary scholars.

CO-525 Political Communication Credits: 3  
Term Offered: Spring Term  
Course Type(s): None  
The study of traditional and contemporary theories of rhetoric as applied in research and analysis of political campaigns. The rhetorical creation, maintenance, application, and legitimization of symbolic power. A survey of analytic models of political communication and application of the models to case studies. The role of the political communication specialist. Practicum in political communication strategies and techniques.

CO-526 Advanced Public Relations Planning Credits: 3  
Term Offered: Spring Term  
Course Type(s): None  
Explores advanced theoretical foundations and principles demanded of public relations professionals working with corporations, for-profit entities, and non-profit organizations. In addition to surveying relevant public relations communication theories, students will develop advanced competency skills required to plan and execute comprehensive public relations campaigns. Also examines the dynamics of the evolving approach to integrated marketing communication that currently dominates the field and practice of public relations.

CO-527 Crisis and Issues Management Credits: 3  
Course Type(s): None  
Advanced public relations theory and practices dealing with management of organizational crisis and issues. The process of research, analysis, planning, and implementation of crisis management will be explored. The role of the public relations professional in the development of crisis communication strategies and tactics will be examined. Control of crisis, rumor, public perception, corporate image, and reputation will be emphasized. Case studies, simulations, group exercises, and projects will be used to develop skills in crisis and issues management.

CO-540 Organizational Training and Consulting Credits: 3  
Term Offered: Spring Term  
Course Type(s): None  
A survey of adult-learning theory, needs assessment, training techniques, and evaluation as applied to communication training. Planning and implementing training programs that serve real organizational needs. The role and ethical standards of the communication professional serving as a communication specialist or counsel to an organization. The completion of a practicum project in training or development.

CO-561 Message Construction: Audio, Video and Web Credits: 3  
Course Type(s): None  
How do we create engaging, media-rich content for mobile, tablet and desktop users in professional settings? This class explores the technical, aesthetic and critical tools needed to create professional audio, video and images for online visual communication. Real-world projects that related to the student’s field of interest are implemented throughout the course to craft and refine skills in message construction.

CO-562 Interactive Media Theory Credits: 3  
Term Offered: Summer Term  
Course Type(s): IM  
This seminar examines recently possible technologies as a measure for understanding social values, cultural directions, market trends, and imagined horizons. Students respond and discuss readings and screenings that explore but are not limited to: Immersive technologies, artificial intelligence and automation, expansion of digital platforms, globalization, data science, visualization, internet-of-things, cybersecurity, digital fabrication, applied networks, robotics, and digital citizenship.

CO-563 Interactive Digital Media Studio Credits: 3  
Term Offered: All Terms  
Course Type(s): IM, TPS  
Explores the design and production cycles of recent technology tools and platforms for visual and computational communication and focuses on aesthetic and technical processes. Students prototype interactive-based projects and campaigns. Current technologies include time-based media production, ubiquitous computation, user experience and user-centered design, social media integration, working in development teams, voice and gesture recognition, interface and control, immersion, augmented and virtual reality, geolocation applications, crowd sourcing, and tools for social change.

CO-564 Community-Based Digital Projects Credits: 3  
Term Offered: Fall Term  
Course Type(s): TPS  
In this practicum course, students research alongside faculty to solve real-world challenges by understanding innovation via feasibility, desirability, and viability. Real world clients and stakeholders present project challenges to the practicum research team in briefings. The research team assesses scope, playtests prototype solutions, prepares specifications, and offers addressable implementations to clients.

CO-565 Special Event Planning and Promotion Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Many organizations use events as a public relations strategy to build and maintain relationships with key stakeholders. Through case study analysis, practical assignments, and examination of key public relations theories, this course introduces students to successful event planning and promotion. Emphasis is on creating, organizing, identifying sponsors, publicizing and implementing special events.

CO-584 Leadership Communication Credits: 3  
Course Type(s): None  
The theory, research, and practice of leadership from a communication perspective. The examination of research on leadership concepts and theories in organizational, group, and public contexts is interdisciplinary in scope. Students will analyze their personal leadership styles, critique historic and contemporary models, examine and develop leadership communication skills through team projects, class exercises, and research.
CO-592  Interactive Storytelling with Data  Credits: 3
Term Offered: Spring Term
Course Type(s): COPRM, CORTP, IM, TPS
Designed to introduce students to the world of data journalism and teach them to tell interactive stories using raw data. We will start from asking what is data journalism and how we find stories in the data. Students will learn how to acquire data from the web, normalize the data into databases and finally use software to tell engaging, interactive stories with collected data. Students will also learn how to collect data from traditional sources that aren't necessarily found online. Students are expected to complete a data-driven journalism project as part of the course. Also offered as a undergraduate course, CO-492. Also listed as DS-525.

CO-595  Graduate Internship in Communication  Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed for students with less than one-year professional experience. Supervised practical work experience with media outlets, advertising and promotion agencies, public relations firms, film companies, etc. Involves cooperative efforts of departmental faculty and employers. Exposure to current and innovative techniques in research, management, and creative activities while offering practical experience. Instructor consent is required to take this course.

CO-598  Special Topics in Communication  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Subject matter varies with the interests of the students and the professor. Intensive study of such topics in communication processes as gender relations, small group communication and decision making, leadership communication, film and video criticism, telecommunication technology, and legal communication. If a prerequisite is required it will be announced in the course schedule.

CO-599  Independent Study in Communication  Credits: 3
Term Offered: All Terms
Course Type(s): None
Guided research in selected topics in Communication. Prior permission of the directing professor and department chair is required to take this course.

CO-691  Communication Thesis Proposal  Credits: 3
Prerequisite(s): CO-501, CO-502, and completion of nine graduate level communication credits (or approved equivalent), and permission of the faculty thesis advisor
Term Offered: All Terms
Course Type(s): None
A two-semester sequence of an independent research study in consultation with a faculty thesis advisor. In this first semester, the student will select an area of communication research and develop a thesis proposal. The completed ten to fifteen page proposal will include a research question or hypothesis, rationale for study, literature review, methodology, and (if applicable) approval from the Institutional Review Board for research involving human participants.

CO-692  Communication Thesis  Credits: 3
Prerequisite(s): CO-691
Term Offered: Spring Term
Course Type(s): None
A two-semester sequence of an independent research study in consultation with a faculty thesis advisor. In the second semester, the student will complete work to execute the thesis proposal from CO-691. In consultation with the faculty thesis advisor, two additional thesis readers will be assigned. Those readers and thesis advisor comprise a faculty thesis committee. The completed thesis of no less than twenty-five pages will include: a research question or hypothesis, rational for study, literature review, methodology, results, discussion, conclusion, complete bibliography, and appropriate appendices. If a student required an IRB approval for human subjects research, this documentation must be a part of the appendices. Upon completion of the study, the student is required to defend the thesis before a faculty committee and to make a presentation in the CO-503 Graduate Foundations in Communication class.

CO-693  Communication Project Proposal  Credits: 3
Prerequisite(s): CO-501, CO-502, and completion of nine graduate level communication credits
Term Offered: All Terms
Course Type(s): None
A two-semester sequence of an independent professional project in consultation with a faculty project advisor. In the first semester, the student will review relevant trade and scholarly literature and conduct research leading to the development of a project proposal. The student must receive approval of the project advisor based on a demonstration of his or her pre-existing competence with media message construction.

CO-694  Communication Project  Credits: 3
Prerequisite(s): CO-693 and permission of the faculty project advisor
Term Offered: All Terms
Course Type(s): None
A two-semester sequence of an independent professional project in consultation with a faculty project advisor. In the second semester the student will complete work to execute the project proposal from CO-693. The project requires the production and execution of a professional-quality media message of significant length and value for a public service organization as well as a well-researched paper documenting and justifying the process. Upon completion of the project, the student is required to defend the project before a faculty committee and to make a presentation in CO-COL, Graduate Colloquium.

CO-695  Interactive Digital Media Thesis Project  Credits: 3
Prerequisite(s): Completion of 15 graduate level communication credits.
Term Offered: Spring Term
Course Type(s): None
Students will review relevant industry, scholarly, and market literature and conduct precedent research leading to the development of prototypes for an innovative product or service. Students will develop and implement a highly considered and designed product or service as a market-ready, functional prototype. Working with targeted stakeholders and incubation mentors, the student will create specifications and hone the project scope of the project prototype for public release. The student will develop a business plan for wider release, acceleration, or further incubation of the project after the completion of this Masters thesis course.
M.A. in Communication - Non-Thesis Track (CO.NTT.MA)

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CO-501</td>
<td>Communication Theories for Professional Life</td>
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<td>CO-502</td>
<td>Research Methods for Professional Life</td>
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<td>CO-503</td>
<td>Graduate Foundations in Communication</td>
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<td>CO-CPE</td>
<td>Communication Comprehensive Exam</td>
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<td>Electives</td>
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<td>Select 21 Credits in Communication (CO):</td>
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<td>CO-507 Organizational Communication</td>
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<td>CO-508 Presentational Communication: Design and Delivery</td>
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<td>CO-509 Communication, Culture, and Community</td>
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<td>CO-510 Global Communication and Public Relations</td>
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<td>CO-516 Public Relations and Fundraising for Nonprofits</td>
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<td>CO-520 Communication Ethics</td>
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<td>CO-527 Crisis and Issues Management</td>
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<td>CO-561 Message Construction: Audio, Video and Web</td>
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<td>CO-565 Special Event Planning and Promotion</td>
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<td>CO-595 Graduate Internship in Communication</td>
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<td>Communication 500-Level Independent Study</td>
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<td></td>
<td>CO-592 Interactive Storytelling with Data</td>
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</tbody>
</table>

Total Credits 30

1 An elective taken outside of Communication may be substituted.

Admission Requirements

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation. Letters from current or former professor recommended. If these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.
3. Personal essay of not more than 750 words that describes your preparation for study in the program and personal objectives for graduate study.
4. Digital and/or hard copy portfolio of select samples of work, including a writing sample, that demonstrates initiative and achievement in academic, professional, and/or community settings. (Applicants who have earned an undergraduate degree the previous year must submit scores from the GRE.)
5. Résumé.

M.A. in Communication - Thesis Track (CO.TT.MA)

<table>
<thead>
<tr>
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<td>CO-502</td>
<td>Research Methods for Professional Life</td>
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<td>CO-503</td>
<td>Graduate Foundations in Communication</td>
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<td>CO-691 Communication Thesis Proposal</td>
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<td>or CO-693 Communication Project Proposal</td>
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<td></td>
<td>CO-692 Communication Thesis</td>
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<td>or CO-694 Communication Project</td>
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<td>Electives</td>
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<td>CO-592 Interactive Storytelling with Data</td>
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</table>

Total Credits 30

1 An elective taken outside of Communication may be substituted.

Admission Requirements

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation. Letters from current or former professor recommended. If these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.
3. Personal essay of not more than 750 words that describes your preparation for study in the program and personal objectives for graduate study.
4. Digital and/or hard copy portfolio of select samples of work, including a writing sample, that demonstrates initiative and achievement in academic, professional, and/or community settings. (Applicants who have earned an undergraduate degree the previous year must submit scores from the GRE.)
5. Résumé.
### M.A. in Communication with a Concentration in Interactive Digital Media (CO.IDM.MA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>CO-503</td>
<td>Graduate Foundations in Communication</td>
<td>3</td>
</tr>
<tr>
<td>CO-561</td>
<td>Message Construction: Audio, Video and Web</td>
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<tr>
<td>CO-562</td>
<td>Interactive Media Theory</td>
<td>3</td>
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<td>CO-563</td>
<td>Interactive Digital Media Studio</td>
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<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
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</table>

#### Requirements (15 credits)

- CO-503 Graduate Foundations in Communication: 3 credits
- CO-561 Message Construction: Audio, Video and Web: 3 credits
- CO-562 Interactive Media Theory: 3 credits
- CO-563 Interactive Digital Media Studio: 3 credits
- BM-510 Business Analysis, Research and Communication: 3 credits

#### Thesis Project (3 credits)

- CO-695 Interactive Digital Media Thesis Project: 3 credits

#### Electives: (12 credits)

Select 12 credits from the following list:

- AR-597 Fine Art/Design Studio
- BM-512 Entrepreneurship and Innovation
- CO-501 Communication Theories for Professional Life
- CO-502 Research Methods for Professional Life
- CO-504 Principles of Public Relations
- CO-508 Presentational Communication: Design and Delivery
- CO-509 Communication, Culture, and Community
- CO-510 Global Communication and Public Relations
- CO-511 Strategic Digital Communication
- CO-516 Public Relations and Fundraising for Nonprofits
- CO-526 Advanced Public Relations Planning
- CO-564 Community-Based Digital Projects
- CO-592 Interactive Storytelling with Data
- CO-595 Graduate Internship in Communication
- SE-517 Engineering Web-Based Systems
- Communication 500-level Independent Study

#### Total Credits 30

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### M.A. in Communication with a Concentration in Strategic Public Relations and Social Media - Non-Thesis Track (CO.SPR.NTT.MA)

<table>
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<tr>
<th>Code</th>
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<td>CO-501</td>
<td>Communication Theories for Professional Life</td>
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<td>CO-502</td>
<td>Research Methods for Professional Life</td>
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<td>CO-503</td>
<td>Graduate Foundations in Communication</td>
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<td>CO-504</td>
<td>Principles of Public Relations</td>
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<td>CO-511</td>
<td>Strategic Digital Communication</td>
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<td>CO-516</td>
<td>Public Relations and Fundraising for Nonprofits</td>
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<td>CO-526</td>
<td>Advanced Public Relations Planning</td>
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<td>CO-592</td>
<td>Interactive Storytelling with Data</td>
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<td>CO-595</td>
<td>Graduate Internship in Communication</td>
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<td>CO-510</td>
<td>Global Communication and Public Relations</td>
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<td>CO-516</td>
<td>Public Relations and Fundraising for Nonprofits</td>
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<tr>
<td>SE-517</td>
<td>Engineering Web-Based Systems</td>
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<td>CO-CPE</td>
<td>Communication Comprehensive Exam</td>
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#### Electives

Select 12 Credits in Communication (CO): 1

- AR-597 Fine Art/Design Studio
- BM-512 Entrepreneurship and Innovation
- CO-501 Communication Theories for Professional Life
- CO-502 Research Methods for Professional Life
- CO-504 Principles of Public Relations
- CO-511 Strategic Digital Communication
- CO-516 Public Relations and Fundraising for Nonprofits
- CO-526 Advanced Public Relations Planning
- CO-592 Interactive Storytelling with Data
- CO-595 Graduate Internship in Communication
- CO-510 Global Communication and Public Relations
- CO-516 Public Relations and Fundraising for Nonprofits
- CO-592 Interactive Storytelling with Data
- CO-507 Organizational Communication
- CO-508 Presentational Communication: Design and Delivery
- CO-509 Communication, Culture, and Community
- CO-510 Global Communication and Public Relations
- CO-516 Public Relations and Fundraising for Nonprofits
- CO-527 Crisis and Issues Management
- CO-561 Message Construction: Audio, Video and Web
- CO-565 Special Event Planning and Promotion

#### Total Credits 30

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### Admission Requirements

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation. Letters from current or former professor recommended. If these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.
3. Personal essay of not more than 750 words that describes your preparation for study in the program and personal objectives for graduate study.
4. Digital and/or hard copy portfolio of select samples of work, including a writing sample, that demonstrates initiative and achievement in academic, professional, and/or community settings.
5. Résumé.
M.A. in Communication with a Concentration in Strategic Public Relations and Social Media - Thesis Track (CO.SPR.TT.MA)

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<td>CO-503</td>
<td>Graduate Foundations in Communication</td>
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<td>CO-504</td>
<td>Principles of Public Relations</td>
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<td>CO-511</td>
<td>Strategic Digital Communication</td>
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<td>CO-526</td>
<td>Advanced Public Relations Planning</td>
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</table>

Capstone: Select Thesis or Project:

CO-691 Communication Thesis Proposal 3
or CO-693 Communication Project Proposal

CO-692 Communication Thesis 3
or CO-694 Communication Project

Electives:

Select 6 credits of Communication (CO): 1

CO-592 Interactive Storytelling with Data
CO-507 Organizational Communication
CO-508 Presentational Communication: Design and Delivery
CO-509 Communication, Culture, and Community
CO-510 Global Communication and Public Relations
CO-516 Public Relations and Fundraising for Nonprofits
CO-520 Communication Ethics
CO-527 Crisis and Issues Management

Total Credits 30

An elective taken outside of Communication may be substituted.

Admission Requirements

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation. Letters from current or former professor recommended. If these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.
3. Personal essay of not more than 750 words that describes your preparation for study in the program and personal objectives for graduate study.
4. Digital and/or hard copy portfolio of select samples of work, including a writing sample, that demonstrates initiative and achievement in academic, professional, and/or community settings. (Applicants who have earned an undergraduate degree the previous year must submit scores from the GRE.)
5. Résumé.

Graduate Certificate in Public Service Communication (CO.PS.GR.C)

<table>
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<tr>
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<td>CO-509</td>
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<td>CO-520</td>
<td>Communication Ethics</td>
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<td>CO-507</td>
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<td>CO-508</td>
<td>Presentational Communication: Design and Delivery</td>
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<td>CO-510</td>
<td>Global Communication and Public Relations</td>
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<td>CO-516</td>
<td>Public Relations and Fundraising for Nonprofits</td>
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<td>CO-527</td>
<td>Crisis and Issues Management</td>
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<td>CO-565</td>
<td>Special Event Planning and Promotion</td>
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<td>CO-595</td>
<td>Graduate Internship in Communication</td>
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<td></td>
<td>Communication 500-Level Special Topics course</td>
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Total Credits 18

An elective taken outside of Communication may be substituted for an elective.
Admission Requirements

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation. Letters from current or former professor recommended. If these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.
3. Personal essay of not more than 750 words that describes your preparation for study in the program and personal objectives for graduate study.
4. Digital and/or hard copy portfolio of select samples of work, including a writing sample, that demonstrates initiative and achievement in academic, professional, and/or community settings. (Applicants who have earned an undergraduate degree the previous year must submit scores from the GRE.)
5. Résumé.

Criminal Justice

Chair: Nicholas Sewitch, Department of Criminal Justice

Master of Arts in Criminal Justice (M.A.)

The Master of Arts in Criminal Justice at Monmouth University offers a broad perspective on the criminal justice system, its various institutions and processes. Students will develop the quantitative, critical, and research skills necessary for problem solving and policy-making. The program includes a set of courses that will focus on research procedures, the use of psychosocial variables, systems thinking, and the development of policy. In addition, there are courses in law, policy, and criminal justice management.

Homeland Security Track

Intelligence Analyst Track

Leadership Track

Within our M.A. in Criminal Justice, we offer three optional specialized tracks. Our Homeland Security track exposes students to core homeland security competencies in areas of intelligence analysis, strategic planning and collaborative partnerships with other entities necessary for comprehensive anti-terror strategies. You may also pursue the Intelligence Analyst Track that prepares students for positions that will allow them to research and provide their expertise in a more analytical way. The track in Leadership prepares you for executive roles within the field of criminal justice by focusing on the management of day-to-day operations within law enforcement and public agencies.

Programs

Masters

- M.A. in Criminal Justice (p. 70)
- M.A. in Criminal Justice - Community - Law Enforcement Relations Track (p. 71)
- M.A. in Criminal Justice - Homeland Security Track (p. 70)
- M.A. in Criminal Justice - Intelligence Analyst Track (p. 71)
- M.A. in Criminal Justice - Leadership Track (p. 71)

Faculty

John Comiskey, Associate Professor (Graduate Faculty). M.S., Naval Post Graduate School, Ed.D., St. John Fisher College. Areas of interest include homeland security, intelligence nexus to local crime, and the role of local police in national intelligence. jcomiske@monmouth.edu

Shannon Cunningham, Assistant Professor (Graduate Faculty). B.A., M.S., Illinois State University; Ph.D., Texas State University. Research interests are prosecutorial misconduct, criminal investigation failures, sentencing reform, criminal justice and media. shcunnin@monmouth.edu

Peter Liu, Professor (Graduate Faculty). B.A., M.A., Jilin University, China; Ph.D., Indiana University of Pennsylvania. Areas of interest include research methods, criminology, comparative criminal justice systems, and criminal justice organizations administration and management. Current research projects include comparative delinquency, Chinese justice system, and environmental crime. pliu@monmouth.edu
Brian Lockwood, Associate Professor and Graduate Program Director (Graduate Faculty). B.A., The College of New Jersey; M.A., Ph.D., Temple University. Research interests include the applications of Geographic Information Systems (GIS) in the study of offending, environmental criminology, and juvenile delinquency. blockwoo@monmouth.edu

Marie Mele Thomas, Assistant Professor (Graduate Faculty). B.S., College of New Jersey; M.S., American University; Ph.D., Rutgers University. Teaching interests include women and crime, victimology, research methodology, and social statistics. Current research focusing on intimate partner violence and domestic homicide. mmele@monmouth.edu

Laura J. Moriarty, Professor (Graduate Faculty). B.A., M.A., Louisiana State University; Ph.D., Sam Houston State University. A respected academic leader in the field of criminal justice with a focus on victim's issues, Moriarty is the author/co-author, editor/co-editor of eight scholarly books and numerous refereed academic journal articles. She is the past president of the Academy of Criminal Justice Sciences (ACJS), and a 2013 recipient of the ACJS Founders Award for outstanding contributions to criminal justice education. lmoriart@monmouth.edu

Courses

CJ-CPE Comprehensive Exam Credits: None
Term Offered: All Terms
Course Type(s): None
Criminal Justice Comprehensive Exam. This is a pass/fail course.

CJ-500 Theories and Methods of Geographic Information Systems Credits: 3
Course Type(s): None
This course provides students with a solid foundation in the theories and methods of Geographic Information Systems (GIS). Students gain knowledge of important applications, as well as acquisition, accuracy, formatting management, analysis, and manipulation of data. When students complete this course, they are expected to know what GIS is, what GIS can and cannot do, how data is stored, and how data in GIS is manipulated and analyzed to satisfy a project's goals.

CJ-502 Advanced Criminology Credits: 3
Term Offered: All Terms
Course Type(s): None
Professionals interested in the criminal justice system require a foundation in the criminological theories that underlie criminal behavior and rehabilitation. Provides the student with an opportunity to study and critically evaluate prominent criminological theories presented in the readings and research. Lectures emphasize the role of psychological principles, theories of learning, techniques of counseling, and psychopathology in the context of criminological theory on rehabilitation programs and on policy development. Also serves as a context for other graduate courses that pertain to the prison system and institutional treatment of offenders.

CJ-510 The American Penal System Credits: 3
Course Type(s): None
Examines the history, philosophy, and organizational structure of correctional systems in the United States, analyzing the various models of incarceration as they relate to punishment and rehabilitation.

CJ-515 Institutional Treatment of the Offender Credits: 3
Course Type(s): None
Provides the theoretical framework for the understanding of criminal behavior and the strategies employed in providing treatment and support services to the inmate. Focuses on techniques designed to facilitate the development of alternative behaviors. Attention will be given to problems that are especially relevant to penal institutions, e.g. violence, racial discord, sexual assault, and theories of punishment.

CJ-525 Applied Data Analysis in Criminal Justice Credits: 3
Term Offered: All Terms
Course Type(s): None
The examination, interpretation, and application of social statistical concepts in criminal justice; computerized data analysis techniques.

CJ-530 Criminal Justice Policy Credits: 3
Term Offered: Spring Term
Course Type(s): None
The examination of opposing viewpoints on complex and sensitive issues in criminal justice. Emphasis on providing students with the ability to develop basic thinking skills and assisting students in evaluating sources of information.

CJ-535 Evaluation Strategies for Criminal Justice Credits: 3
Term Offered: Spring Term
Course Type(s): None
Formulation of research problems and hypotheses; quantitative research designs; and data collection strategies; data analysis methods.

CJ-540 Spatial Analysis and Modeling in Geographic Information Systems Credits: 3
Prerequisite(s): CJ-500
Term Offered: Spring Term
Course Type(s): None
Focuses on methods of spatial analysis and various kinds of modeling within Geographic Information Systems (GIS). Included are such topics as: 3-D terrain visualization and analysis, location and network modeling, map algebra, and spatial statistics.

CJ-542 Computer Application in Criminal Justice Credits: 3
Term Offered: Spring Term
Course Type(s): None
Introduces computer basics, information system, and the Internet. Students will use several management-related applications, including spreadsheets, database, employee performance evaluations, and statistical analysis programs to develop an integrated database management system.

CJ-545 Seminar: Ethics, Law, and Society Credits: 3
Term Offered: All Terms
Course Type(s): None
Probes ethical issues that arise throughout the criminal justice system. Students will examine the fundamental meaning of justice, explore approaches to moral reasoning, and investigate such issues as the use of discretion, capital punishment, prisoners' rights, and other ethics of criminal justice research.

CJ-550 Seminar: Police Administration Credits: 3
Term Offered: Spring Term
Course Type(s): None
Examines the tasks and roles of police administrators for effective and efficient police operations. Police organization, policies, and rules will be analyzed for their impact on the delivery of police services.
CJ-552  Computer Crime  Credits: 3
Course Type(s): None
Understanding the nature of computer crime and the basic principles of technology in order to provide a foundation for criminal investigation.

CJ-555  Criminal Procedure and the Constitution  Credits: 3
Term Offered: Spring Term
Course Type(s): None
A multidisciplinary examination of the major stages of the criminal process from arrest to trial. The course explores the effectiveness of criminal procedure, the Constitution, and the law in relationship to crime.

CJ-560  Seminar: Leadership and Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines the role of leader or visionary in analyzing and improving organizational operations in the criminal justice system. Emphasis is on the ability to assess and solve the complex problems facing criminal justice in the twenty-first century.

CJ-562  Graduate Criminal Justice Internship  Credits: 3
Course Type(s): None
Provides the student an opportunity to integrate academic theory with experiential learning. Each student will have an opportunity to focus on areas specific to his/her career objectives. Intern students will evaluate principles of the criminal justice system through on-site participation at an approved criminal justice agency. Executive writing opportunities will be an integral component of this course.

CJ-565  Comparative Criminal Justice Systems  Credits: 3
Course Type(s): None
Compares and contrasts the main similarities and differences among the major criminal justice systems in the world, including the civil law, common law, socialist law, and Islamic law families.

CJ-572  Civil Rights and Liberties  Credits: 3
Term Offered: Spring Term
Course Type(s): None
An examination of the Bill of Rights in contemporary America. The seminar analyzes the conflicting group interests, which advise around issues such as freedom of speech and assembly, church-state relations, and equal treatment before the law for members of minority groups.

CJ-575  Professionalism in Criminal Justice  Credits: 3
Course Type(s): None
An examination of major changes in politics, professionalism, and public order in society. Emphasis is on policing, criminal justice education, corrections, and jail management issues and examining the progress of, and obstacles to, improving training and split-second decision making.

CJ-595  Geographic Information Systems, Crime Mapping, and Analysis  Credits: 3
Prerequisite(s): CJ-500
Term Offered: Spring Term
Course Type(s): None
Incorporates Geographic Information Systems (GIS) into criminal justice by including the use of crime mapping and analysis in problem solving. Takes a hands-on approach to many of the issues a criminal justice manager, officer, or crime analyst will face in pursuit of his/her work. Facilitates students’ understanding of GIS and crime mapping theories, principles, concepts, and the software. Upon completion of the course, students will have developed two projects as part of their portfolio: one in crime mapping implementation and one in project design and analysis within their particular topic of study.

CJ-598  Special Topics in Criminal Justice  Credits: 1-3
Course Type(s): None
Subject matter varies with the interest of the students and the professor. The exact nature of the topic covered in any given semester is indicated in the student’s transcript. Permission of the program director is required. If a prerequisite is required it will be announced in the course schedule.

CJ-599  Independent Study in Criminal Justice  Credits: 3
Term Offered: All Terms
Course Type(s): None
Development and execution of a relevant reading and research project leading to significant written work designed by the student in consultation with the professor. The subject chosen for study should be related with any area of Criminal Justice of special interest for the student. Students applying for this course must demonstrate their knowledge of research techniques and their abilities to apply them to the specific area of studies chosen. It is also required that the student should be able to present the results of his/her research in appropriate written and oral form. Prior permission of the directing instructor and department chair is required to take this course.

CJ-615  Terrorism: Crisis and Trauma  Credits: 3
Course Type(s): None
Explore the psychological impact of terrorism, including psychiatric disorders, physiological changes, and social/family disruption. Strategies and techniques for identifying trauma and skill for intervention will be discussed.

CJ-621  Fundamentals of Intelligence Analysis  Credits: 3
Term Offered: All Terms
Course Type(s): HY
This course ranges in complexity by first providing students with an understanding of the history of intelligence in the criminal justice and security fields before moving toward familiarizing students with the various types of analyses that intelligence analysts engage in. Students will be able to understand the fundamentals of intelligence analysis and be appropriately educated in accordance with the International Association of Law Enforcement Intelligence Analysts (IALEIA) criteria and the 2012 Law Enforcement Analytic Standards promulgated by Global and IALEIA. This course will develop the student abilities to better understand the role of intelligence in public safety and develop analytic products that interpret the operating environment and make recommendations to improve overall public safety within government and private sectors throughout the United States and abroad.

CJ-622  Advanced Issues in Intelligence  Credits: 3
Prerequisite(s): CJ-621
Term Offered: Summer Term
Course Type(s): HY
This course provides students studying the intelligence field a deeper knowledge of the issues that may be facing the intelligence community. This course ranges in complexity from orientation-type instruction on successes and failures in intelligence through history to various types of analysis on concepts like intelligence - led policing, how to share information, how to maintain appropriate and successful partnerships across agencies, how individuals are radicalized and recruited into gangs or groups, transnational issues, how to “follow money” or conduct financial analysis, how the enemy uses denial and deception techniques to gain an upper hand, how to appropriately craft a wide array of intelligence products and properly security them, as well as exposure to prediction methods and open source analysis. This course will teach and guide students on how to make recommendations to senior leaders relating to analytical findings.
CJ-625  Terroristic Crime Scene Investigation  Credits: 3
Course Type(s): None
Utilizing modern investigative technology in terroristic crime scenes; specialized evidence collection; role of crime scene manager.

CJ-635  Weapons of Mass Destruction  Credits: 3
Course Type(s): None
Focus on the practical and theoretical aspects of preparing for, and dealing with, incidents involving weapons of mass destruction.
Discussion on the various devices and the means of delivering damage. Analysis of the intelligence approaches to reduce such an event.

CJ-636  Structured Analytic Techniques  Credits: 3
Prerequisite(s): CJ-621 and CJ-622
Term Offered: Fall Term
Course Type(s): HY
This course will provide students who are interested in studying the intelligence field and who already have an understanding of the fundamentals and competencies of intelligence analysts with the knowledge and skills to incorporate Structured Analytic Skills into their daily analysis to support their methodologies and assessments. This course will also describe the different types of flaws and biases in thinking, as well as the different types of problems, how to solve them, and the amount of facts or judgments that are required. This course ranges in complexity from orientation-type instruction on the ways that biases and fallacies can impact analysis to an understanding of the many different techniques that can be applied to problems that intelligence analysts must address in their work. Prerequisites for this course include both CJ-621 and CJ-622 to ensure that students clearly understand the need for intelligence, how to gathering and analyze intelligence, and that they are familiar with the methods by which intelligence information is disseminated via briefings and reports.

CJ-650  Cyberterrorism  Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores how new technology throughout the world has contributed to terroristic crimes and how information and communication technology (ICT) has become a tool, a target, and a place of criminal activity threatening national security. Topics of study include: the information environment as crime scene, computer use in crimes, political terrorism, hacking, unauthorized access, and identity theft.

CJ-662  Psychopathology of Crime and Terrorism  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Discusses the psychology of criminal behavior and the development of the terrorist. Provides students with an in-depth examination of the psychological consequences of terrorism on a community and the impact of criminal behavior on a victim. Students will be exposed to the neurobiology of fear including predators of maladaptive/pathological response, and the biological correlates of criminal behavior. Also listed as HLS-662.

CJ-691  Criminal Justice Thesis I  Credits: 3
Prerequisite(s): CJ-502, CJ-525, CJ-530, and CJ-542
Co-requisite(s): CJ-535
Term Offered: All Terms
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor.

CJ-692  Criminal Justice Thesis II  Credits: 3
Prerequisite(s): CJ-691
Term Offered: Spring Term
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor.

CJ-695  Knowledge into Practice: Criminal Justice Capstone Course  Credits: 3
Prerequisite(s): CJ-525 and CJ-535
Term Offered: All Terms
Course Type(s): None
This course represents a synthesis and evaluation of Monmouth University’s Masters in Criminal Justice Goals and Objectives, which require students to: (1) engage in critical analysis and evaluation in the field, (2) become knowledgeable consumers of research; (3) learn the importance of technology in the field; (4) will develop the communication skills necessary to excel in the field; and (5) actively contribute to the field. To do so, student will prepare an evidence-based research paper that applies the core curriculum functions and competencies to a related criminal justice issue. Additionally, this course substantively addresses the six content areas required for certification by the Academy of Criminal Justice Sciences (ACJS,2016), which include: administration of justice, corrections, criminological theory, law adjudication, law enforcement, and research and analytic methods.

HLS-CPE  Homeland Security Comprehensive Examination  Credits: None
Prerequisite(s): 33 credits in Homeland Security
Term Offered: All Terms
Course Type(s): None
The Homeland Security Comprehensive Examination is a zero-credit course that will allow students who have completed thirty-three credits of graduate course work in homeland security to take a comprehensive examination and complete their degree. This is a pass/fail course.

HLS-602  Theoretical Approaches to Homeland Security  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines the various theories and frameworks associated with homeland security. The theories and frameworks describe, explain, predict, and judge the causes of terrorism and crime, as well as the behaviors associated with natural, technological/accidental, and adversarial/human caused disasters. Topical issues include terrorism, transnational crime, extreme weather, and emergent threats including climate, economic, energy, environmental, food, human, technology, and water security.
Acquaints students with the concepts and practices among the various disciplines within the homeland security domain that provide the architecture for the nation’s preparedness strategy. Provides an understanding of how the law, constitution and interaction between the various disciplines of homeland security and defense, in theory and practice affect the development and execution of homeland security operations, strategies, and policies in general. Explores the collaborative efforts of multiple disciplines drawn from all levels of the public and private sectors, how they integrate with one another, and how they collectively factor into the prevention of, response to, and recovery from major events. Conversely, it will enhance the students understanding of the various disciplines associated with homeland security including law enforcement, fire services, emergency management, infrastructure custodians, the military, public health, and government administrators.

HLS-650 Cyber Security
Term Offered: Spring Term
Course Type(s): None
Examines current and emerging cyber threats and vulnerabilities. Focuses on policies and practices that govern cyberspace. Information systems technologies impact every aspect of twenty-first-century society and governance. At the same time, cyber capabilities hazard personal liberties, privacy, and homeland security. Students will explore emerging technologies that can facilitate and strengthen capability-specific national priorities to secure our cyberspaces and the homeland.

HLS-662 Psychopathology of Crime and Terrorism
Term Offered: Fall Term
Course Type(s): OL
Discusses the psychology of criminal behavior and the development of the terrorist. Provides students with an in-depth examination of the psychological consequences of terrorism on a community and the impact of criminal behavior on a victim. Students will be exposed to the neurobiology of fear including predictors of maladaptive/pathological response, and the biological correlates of criminal behavior. Also listed as CJ-662.

HLS-665 Emergency Management for Homeland Security
Term Offered: Spring Term
Course Type(s): OL
Examines the core principles of emergency management: prevention, mitigation, communication, response, and recovery. Focuses on the Federal Emergency Management Agency’s 2011 Whole of Community approach to emergency management. Will assess emergency management’s civil defense legacy to the current all-hazards role applied at the federal, state, and local levels. Students will examine the role of emergency managers in the homeland security framework through case studies. Incorporates real-world catastrophes that may occur immediately prior to/during the course semester.

HLS-670 Constitutional Issues in Homeland Security
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640
Course Type(s): OL

HLS-675 Technology for Homeland Security
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640
Term Offered: All Terms
Course Type(s): OL
Provides students with an overview of myriad technologies that have helped to shape the homeland security enterprise. Students will examine critical infrastructure and key resources threats and vulnerabilities that characterize the homeland security operational environment. Students will explore how past, present, and emerging technologies have been used and how they might be used in the future. Balances out topical issues related to risk, perception of risk, technological capabilities, security, cyber-attacks, health issues, and legal issues that impact homeland security. Students will explore elements of cyberterrorism and emerging technologies that can facilitate and strengthen capability-specific national priorities in order to improve national preparedness.
HLS-680  Comparative Government for Homeland Security  
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640  
Course Type(s): OL  
Provides students with an in-depth examination of other countries’ homeland security governance and policies with a focus on counterterrorism laws, security, law enforcement, emergency response, and public health. Students will analyze other countries’ traditions, political and bureaucratic institutions, and policies that might inform the U.S. homeland security enterprise. Designed to provide students with homeland security-related lessons learned and smart practices employed by other countries that, if adapted, scaled, and measured to the vision, mission, and purpose of a U.S. jurisdiction/organization, might make safe and secure the nation.

HLS-685  Strategic Plan for Homeland Security  
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640  
Term Offered: Fall Term  
Course Type(s): OL  
Provides students with an in-depth examination of strategic planning, especially as it relates to the homeland security enterprise. Students will explore how organizations identify, plan, and implement their strategy objectives. Students will analyze past, current, and future homeland security strategy objectives and identify both lessons learned and not learned. Students will develop a comprehensive strategic homeland security strategy to make safe and secure the nation.

HLS-690  Policy Analysis and Research Methods in Homeland Security  
Term Offered: All Terms  
Course Type(s): OL  
Requires students to construct an original research proposal that critically analyzes one aspect of the homeland security field within the United States of America. To do so, the course begins with a review of the tenets of sound research in the social sciences and proceeds with the development of a research proposal that includes the formulation of a research question and subsequent hypothesis, a review of the pertinent literature, and the development of a detailed methodology with which to conduct the research. Additional attention is devoted to the practical, ethical, and political issues that arise when conducting research and evaluation within the agencies, organizations, practices, and policies that fall under the auspices of the Department of Homeland Security.

HLS-695  Knowledge into Practice: Homeland Security Capstone Course  
Prerequisite(s): HLS-690  
Term Offered: Spring Term  
Course Type(s): OL  
Provides students with a synthesis and an evaluation of Monmouth University’s Masters in Homeland Security core curriculum functions and competencies: (1) Political, legal, and managerial context of homeland security, (2) Technology and its applications in homeland security, (3) Research, program evaluation, and needs assessment and their application to homeland security, and (4) Current and emerging homeland security threats. Students prepare an evidence-based research paper that applies the core curriculum functions and competencies to a related homeland security issue.

HLS-699  Independent Study in Homeland Security  
Term Offered: All Terms  
Course Type(s): None  
Provides students the opportunity to focus on a specific area of interest within homeland security. Research, reading and faculty-student communications will result in a significant written project. The supervising faculty member will meet weekly with the student to monitor progress and provide feedback. Prior permission of the selected faculty member, program director, and chair is required to take this course.

M.A. in Criminal Justice (CJ.MA)

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<td>Civil Rights and Liberties</td>
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<td>CJ-695</td>
<td>Knowledge into Practice: Criminal Justice Capstone Course</td>
<td>3</td>
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</table>

Select 12 credits from the following courses:  
CJ-535  Evaluation Strategies for Criminal Justice  
CJ-542  Computer Application in Criminal Justice  
CJ-550  Seminar: Police Administration  
CJ-555  Criminal Procedure and the Constitution  
CJ-560  Seminar: Leadership and Management  
CJ-562  Graduate Criminal Justice Internship  
CJ-565  Comparative Criminal Justice Systems  
CJ-575  Professionalism in Criminal Justice  
CJ-615  Terrorism: Crisis and Trauma  
CJ-625  Terroristic Crime Scene Investigation  
CJ-635  Weapons of Mass Destruction  
CJ-650  Cyberterrorism  
HLS-610  Foundations of Homeland Security  
Total Credits 30

Admission Requirements
1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 in the undergraduate major.
2. Two letters of recommendation.
3. Personal essay of 250 to 300 words that describes your preparation for study in the program and personal objectives for graduate study in criminal justice.

M.A. in Criminal Justice - Homeland Security Track (CJ.HLS.MA)

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<td>HLS-602</td>
<td>Theoretical Approaches to Homeland Security</td>
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<tr>
<td>CJ-572</td>
<td>Civil Rights and Liberties</td>
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<tr>
<td>HLS-620</td>
<td>Terrorism: Causes and Consequences: The Unconventional Threat</td>
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<tr>
<td>HLS-630</td>
<td>Homeland Security Intelligence</td>
<td>3</td>
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<tr>
<td>HLS-640</td>
<td>Interdisciplinary Approach to Homeland Security</td>
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<td>HLS-650</td>
<td>Cyber Security</td>
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<td>CJ-695</td>
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Total Credits 30

**Admission Requirements**

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 in the undergraduate major.
2. Two letters of recommendation.
3. Personal essay of 250 to 300 words that describes your preparation for study in the program and personal objectives for graduate study in criminal justice.

### M.A. in Criminal Justice - Leadership Track (CJ.LT.MA)

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<td>Cyberterrorism</td>
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<td>CJ-695</td>
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</table>

Select 3 credits in Criminal Justice (CJ) or Homeland Security (HLS) at the 500+ level.

Total Credits 30

**Admission Requirements**

The admission requirements will be the same for the CJ in MA program, including the two existing Tracks (HLS and Leadership):

- Possession of a bachelor's degree with a minimum 2.75 overall GPA and a minimum 3.0 GPA in the undergraduate major.
- Two letters of recommendation for graduate study.
- Personal essay of 250-300 words that describes your preparation for study in the program and personal objectives for graduate study in criminal justice.

### M.A. in Criminal Justice - Community-Law Enforcement Relations Track (CJ.CLE.MA)

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<td>Knowledge into Practice: Criminal Justice Capstone Course</td>
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<tr>
<td>SW-518</td>
<td>Global Community Practice</td>
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<tr>
<td>SW-625</td>
<td>Program Planning and Evaluation</td>
<td>3</td>
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</table>

Select six credits from the following list:

- SW-602 Domestic Violence
- SW-604 Clinical Practice in Addictions
- SW-614 Grant Writing
- SW-619 Social Work Supervision
- SW-621 Social Work with Military Families
- SW-632 Crisis Intervention
- SW-635 Suicide Prevention and Intervention

Select 3 credits of CJ-5xx+ or SW-5xx+

Total Credits 30

**Admission Requirements**

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a minimum 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
3. Personal essay of 250-300 words that describes your preparation for study in the program and personal objectives for graduate study in criminal justice.

### M.A. in Criminal Justice - Intelligence Analyst Track (CJ.IA.MA)

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<tr>
<td>AN/GO-524</td>
<td>Introduction to Geographical Information Systems (GIS)</td>
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<td>CJ-525</td>
<td>Applied Data Analysis in Criminal Justice</td>
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<td>Seminar: Ethics, Law, and Society</td>
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<tr>
<td>CJ-621</td>
<td>Fundamentals of Intelligence Analysis</td>
<td>3</td>
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<tr>
<td>CJ-622</td>
<td>Advanced Issues in Intelligence</td>
<td>3</td>
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<td>CJ-635</td>
<td>Weapons of Mass Destruction</td>
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<tr>
<td>HLS-602</td>
<td>Theoretical Approaches to Homeland Security</td>
<td>3</td>
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</tbody>
</table>

Select 3 credits from CJ-5xx+ or HLS-5xx+

Total Credits 30

**Admission Requirements**

The admission requirements will be the same for the CJ in MA program, including the two existing Tracks (HLS and Leadership):

- Possession of a bachelor's degree with a minimum 2.75 overall GPA and a minimum 3.0 GPA in the undergraduate major.
- Two letters of recommendation for graduate study.
- Personal essay of 250-300 words that describes your preparation for study in the program and personal objectives for graduate study in criminal justice.
**English**

Chair: Susan Goulding, Department of English  
Director of First Year Composition: John P. Hanly  
Undergraduate Program Coordinator: Elizabeth Gilmartin-Keating  
Graduate Program Directors: Mary Kate Azcuy and Alex Gilvarry (M.F.A. in Creative Writing)

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**Master of Arts in English (M.A.) Creative Writing**

The Master of Arts in English is a flexible program that allows various types of students to pursue a course of study meeting their own interests and goals. For those interested in the challenge of graduate study and considering going on to an MFA or PhD program at another institution, the courses at Monmouth provide a broad education in English literature, creative writing, and rhetoric, and a sound foundation for further graduate study. Secondary school teachers can fulfill their continuing education requirement and accrue credits toward salary increases by taking courses in the program. Those interested in personal enrichment or career advancement will find that the program requirements improve creative and critical thinking abilities along with reading, speaking, and writing skills. The curriculum, appropriate for recent college graduates as well as returning students, is designed to allow students to finish the degree in two to two-and-a-half years by taking two to three courses per semester, with the additional option of summer study. Part-time students are also welcome to attend. Course offerings allow students to take courses in a variety of fields to obtain a broad knowledge of literature in English or to focus on areas of specific interest.

**Master of Fine Arts (M.F.A.)**

Every writer has a story to tell—at Monmouth, we give you the tools to bring it to life. With our full-residency 48-credit M.A./M.F.A. dual degree program in Creative Writing, you will prepare for your dream career in the literary world by training directly with published, award-winning faculty. Through flexible course offerings, you can choose to study fiction, nonfiction, and poetry as desired, and may also pursue interests in crime novels, thrillers, romance, fantasy, and more.

Our intensive and pragmatic program gives you an advantage over your peers by focusing on developing your craft, your network, and your resume. After completing their M.A. in English with a Creative Writing concentration, Monmouth’s M.F.A. students will immerse themselves in an additional 18 credits of intensive creative writing study that includes the completion of a book-length Creative Thesis. Students will also benefit from personalized learning, advanced craft seminars, networking opportunities, and rigorous career preparation, including an internship program and the opportunity to gain teaching experience by working as an adjunct professor during the program.

You are eligible to participate in the M.F.A. program if you have obtained a Master of Arts (M.A.) in English from Monmouth University and demonstrate a proficiency for creative writing through a thesis or equivalent work.

**Graduate Creative Writing Certificate**

This is an 18-credit graduate certificate program designed to provide alumni and other English, non-creative writing students with a way to transition to the M.F.A. in Creative Writing program.

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**Programs**

**Master or Arts**

- M.A. in English: Literature Concentration (p. 77)  
- M.A. in English: Creative Writing Concentration (p. 76)  
- M.A. in English: Rhetoric and Writing Concentration (p. 77)

**Master of Fine Arts**

- M.F.A. in Creative Writing (p. 77)

**Creative Writing Graduate Certificate**

- Graduate Creative Writing Certificate (p. 76)

**Faculty**

Mary Kate Azcuy, Associate Professor and Graduate Program Director (Graduate Faculty). B.S., Monmouth University; M.A., New York University; Ph.D., Drew University. Specialty is contemporary American literature with an emphasis on women poets, mythology, and feminism, as well as creative writing. mazcuy@monmouth.edu

Kristin Bluemel, Professor and Wayne D. McMurray-Helen Bennett Endowed Chair in the Humanities (Graduate Faculty). B.A., Wesleyan University; M.A., Ph.D., Rutgers University. Specialty is twentieth-century British literature. Additional interests include literary criticism and theory, the novel, children’s literature, World War II and the end of empire, and book history. kbluemel@monmouth.edu

Heide Estes, Professor (Graduate Faculty). B.A., University of Pennsylvania; Ph.D., New York University. Specialty is Old English language and literature, and additional interests include Middle English literature, feminist theory, and representations of Jews in early English texts. Current research is in ecocriticism. hestes@monmouth.edu

Alex Gilvarry, Assistant Professor and M.F.A. Program Director (Graduate Faculty). B.A., M.F.A., Hunter College. Specialty is creative writing, fiction. agilvarry@monmouth.edu

Susan M Goulding, Associate Professor and Chair (Graduate Faculty). B.A., M.A., Adelphi University; Ph.D., New York University. Specialties are eighteenth-century British literature, women’s studies, British history, and reception history. goulding@monmouth.edu

Alena Graedon, Assistant Professor (Graduate Faculty). M.F.A., Columbia School of the Arts. Specialty is creative writing, fiction, with an emphasis on speculative fiction. agraedon@monmouth.edu

John P. Hanly, Associate Professor (Graduate Faculty). B.A., Georgetown College; M.A., University of Chicago; Ph.D., University of Louisville. Areas of specialty include composition theory and ethics. jphanly@monmouth.edu

Jeffrey Jackson, Associate Professor (Graduate Faculty). B.A., Linfield College; M.A., Portland State University; Ph.D., Rice University. Areas of specialty include nineteenth-century British Romantic and Victorian literature.
Courses

EN-ESS English Master's Essay
Term Offered: All Terms
Course Type(s): None
Credits: None

EN-500 Critical Theory
Term Offered: Spring Term
Course Type(s): EN.4, EN.RW
Credits: 3
Introduction to a variety of critical approaches to literature. Theories will be applied to texts: poetry, fiction, and drama, and the interpretation developed from these theories will be considered.

EN-502 Seminar in Literary Research
Term Offered: All Terms
Course Type(s): None
Credits: 3
Methods and materials for composing and presenting graduate research centered upon selected texts chosen by the instructor; bibliography, reference resources, critical analysis, and evaluation of sources; techniques, forms and formats for research projects and papers.

EN-509 Middle English Literature
Term Offered: Fall Term
Course Type(s): EN.1, EN.LT
Credits: 3
Study of selected works from the twelfth through the fifteenth centuries in the context of contemporary cultural and literary developments.

EN-511 The English Renaissance
Term Offered: All Terms
Course Type(s): EN.1, EN.LT
Credits: 3
Intensive study of the major genres and authors of English literature from 1550-1660, the age of Spenser, Johnson and Milton. Lyric and epic poetry, drama, prose fiction, and the essay are represented.

EN-513 Shakespeare, His Contemporaries and Renaissance Society
Term Offered: All Terms
Course Type(s): EN.1, EN.LT
Credits: 3
Study of selected Shakespeare plays along with works by Marlowe, Webster and others in order to place Shakespeare's achievement within aesthetic, critical and historical contexts.

EN-525 Eighteenth Century British Literature
Term Offered: Spring Term
Course Type(s): EN.1, EN.LT
Credits: 3
Intensive study of selected works of prose, poetry, and drama, which represent the Ages of Dryden, Pope, Johnson, and Hume.

EN-528 Foundations of World Literature
Term Offered: Spring Term
Course Type(s): EN.3, EN.LT
Credits: 3
The oral and written traditions of the foundation of the non-Western world: Africa, the African Diaspora, Asia and the Middle East.

EN-530 Contemporary World Literature
Term Offered: Spring Term
Course Type(s): EN.3, EN.LT
Credits: 3
Major literary texts from three broad areas of the non-Western world (African Diaspora, Asia, and the Middle East) will be critically examined, including literary trends, theories, and criticism. Selections will be drawn from poetry, fiction, non-fiction, and drama.

EN-533 Literature of Immigration
Term Offered: All Terms
Course Type(s): EN.3, EN.LT
Credits: 3
Examines literature written by the first or second generation immigrants, about the experiences of emigration and immigration to North America; it combines close analysis with historical contextualization, and includes discussion of critical and theoretical works on immigrant identities and subjectivities. Focuses on narratives of immigration from areas outside Western Europe.

EN-535 The Novel in English
Term Offered: Fall Term
Course Type(s): EN.2, EN.LT
Credits: 3
The development of long prose fiction from the eighteenth century to the present with consideration of criticism that defines the novel as a genre.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-537</td>
<td>British Romanticism</td>
<td>3</td>
<td>All Terms</td>
<td>EN.2, EN.LT</td>
<td>Investigation of British Romanticism as a self-consciously defined movement in literature. Will also consider how &quot;Romanticisms&quot; have been read and defined historically.</td>
</tr>
<tr>
<td>EN-538</td>
<td>Victorian Novel</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.2, EN.LT</td>
<td>Through a close thematic and formal analysis, this course will study how British Victorian novels responded to the momentous social, political and intellectual changes of their time.</td>
</tr>
<tr>
<td>EN-540</td>
<td>Modernism in Britain and Ireland</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.2, EN.LT</td>
<td>Study of British and Irish modernism in the context of twentieth-century culture and history.</td>
</tr>
<tr>
<td>EN-541</td>
<td>Utopias</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.LT</td>
<td>The significance of utopian proposals and attempts to create utopian communities in the history of ideas. From the utopias of Plato and More to dystopian visions of the Brave New World to 1984 and science fiction as a utopian genre.</td>
</tr>
<tr>
<td>EN-542</td>
<td>Contemporary American/British Literature</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.2, EN.LT</td>
<td>This course will explore American and/or British literature written in English from the &quot;contemporary&quot; period. These works will be critically examined via close readings and discussions within a literary, historical, cultural, and/or theoretical framework.</td>
</tr>
<tr>
<td>EN-544</td>
<td>Irish Literary Studies</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.2, EN.LT</td>
<td>Ireland's literary tradition in English from the eighteenth-century to today. Different semesters may focus on a particular period, genre or theme within Irish literature, such as Irish drama, the eighteenth century tradition, W.B. Yeats and his circle or James Joyce and Irish Modernism.</td>
</tr>
<tr>
<td>EN-546</td>
<td>Historical Persuasion and Argumentation</td>
<td>3</td>
<td></td>
<td>EN.2, EN.LT</td>
<td>Examines important texts in the history of persuasion and argumentation. Covers the era when Rhetoric - the study and practice of persuasion and argumentation - was one of the fundamental disciplines (the &quot;Trivium&quot;) that every educated person had to learn.</td>
</tr>
<tr>
<td>EN-547</td>
<td>Definitions of Contemporary Rhetoric</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.4, EN.RW</td>
<td>Examines the use of language in a number of key spheres of human communication with the ultimate objective of constructing a usable definition of modern rhetoric. Work in the course is especially concerned with defining more precisely the boundaries of contemporary rhetoric and language theories to gain a deeper understanding of the richness and dangers of language in our own written expression.</td>
</tr>
<tr>
<td>EN-548</td>
<td>Rhetoric of Science and Society</td>
<td>3</td>
<td>All Terms</td>
<td>EN.4, EN.RW</td>
<td>Examination of how language-using agents (corporate, governmental, educational, journalistic, and scientific) outside the activities of a professional scientific community (and sometimes within it) rely on the dominance and force of scientific language and its symbol systems to influence the society we live in.</td>
</tr>
<tr>
<td>EN-550</td>
<td>Feminist Theory and Criticism</td>
<td>3</td>
<td>Fall Term</td>
<td>EN.4</td>
<td>Examines the theories and strategies developed and used by feminist theorists and literary critics to explore a range of visual and written texts. Includes focus on gender-related experiences in literature and culture.</td>
</tr>
<tr>
<td>EN-558</td>
<td>Teaching Composition</td>
<td>3</td>
<td>All Terms</td>
<td>EN.RW, EN.4</td>
<td>The scholarship and methods of teaching composition with a focus on the collaboration experience of the writing process, one-on-one conferencing, and integration of language skills.</td>
</tr>
<tr>
<td>EN-560</td>
<td>Early American Literature</td>
<td>3</td>
<td>All Terms</td>
<td>EN.1, EN.LT</td>
<td>The development of American literature in various genres through the Colonial, Revolutionary War, and Early Republic periods.</td>
</tr>
<tr>
<td>EN-561</td>
<td>Nineteenth Century American Literature</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.2, EN.LT</td>
<td>Major works of American literature from 1830 to World War I will be critically examined to place them in their literary context and discover the techniques used by their authors.</td>
</tr>
<tr>
<td>EN-562</td>
<td>Colonial, Revolutionary War, and Early Republic</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EN-563</td>
<td>Linguistics and the English Language</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.4, EN.RW</td>
<td>Includes grounding in the structural aspects of general linguistics: morphology, syntax, semantics, phonology, and pragmatics. Examines the structure of the English language, including nouns and noun classes, ways of talking about actions and states, how ideas are combined into complex sentences, and how context and purpose affect how we use language. Also considers differences between learning a first and second language.</td>
</tr>
<tr>
<td>EN-565</td>
<td>New Jersey's Literary Heritage</td>
<td>3</td>
<td>Spring Term</td>
<td>EN.2, EN.LT</td>
<td>The development of New Jersey's literary heritage in various genres from the Colonial period to the present, through analyses of representative works from different regions of the state, with emphasis on their local significance and their relationship to national literary trends.</td>
</tr>
<tr>
<td>EN-571</td>
<td>Modern American Literature</td>
<td>3</td>
<td>All Terms</td>
<td>EN.2, EN.LT</td>
<td>Major works of American literature written between 1910 and 1945 will be critically examined and placed within a literary context in order to discuss techniques used by their authors.</td>
</tr>
</tbody>
</table>

**Credits:** 3

**Term Offered:** All Terms

**Course Type(s):** EN.4, EN.RW, EN.2, EN.LT
EN-581 Women in Literature
Term Offered: All Terms
Course Type(s): EN.LT
Investigates the role of women in literature as writers, readers and subjects. Includes theoretical consideration of gender. Topics vary by semester.

EN-598 Special Topics in English
Course Type(s): None
The subject matter varies with the interest of the students and of the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. If a prerequisite is required it will be announced in the course schedule.

EN-599 Independent Study in English
Course Type(s): None
Reading and research under the direction of a member of the English faculty. A minimum of six, face-to-face meetings are required; bi-weekly meetings are the norm. Prior permission of the directing professor and department chair is required to take this course.

EN-607 Seminar in Creative Writing: Non-Fiction
Course Type(s): EN.CW, EN.RW
Students will analyze, in a workshop setting, readings in creative non-fiction to understand and become aware of the variant forms, techniques, and approaches used. As workshop participants, students will write and analyze their own creative nonfiction pieces. This course may be retaken for credit.

EN-609 Seminar in Creative Writing: Poetry
Course Type(s): EN.CW
Students analyze in a workshop setting readings in contemporary poetry to observe techniques in craft, and present their own poetry for intensive examination by workshop participants. The course may be retaken for credit.

EN-611 Fiction Workshop
Course Type(s): EN.CW
In a workshop setting, students will present their own short stories and novel chapters for intensive examination by workshop participants. They will also analyze readings to understand and become aware of the variant forms, techniques, and approaches used. This course may be retaken for credit.

EN-613 Seminar in Creative Writing: Playwriting
Course Type(s): EN.CW
In a workshop format, students will write, critique and perform stage readings of their classmates’ plays. This course may be retaken for credit.

EN-615 Seminar in Creative Writing: Writer's Craft
Course Type(s): EN.CW
An in-depth study of the creative writing process. Students may develop a craft workbook that focuses on both traditional and contemporary literary forms and strategies. Students write by assignment and develop techniques of reviewing in order to compare and contrast major authors’ aesthetics with their own creative gestures. This course may be retaken for credit.

EN-617 Advanced Academic Writing
Course Type(s): EN.RW
Designed for the graduate student interested in sharpening his or her writing skills for the purpose of developing publication-quality articles. Content and assignments are structured in such a way as to provide practice in accelerated academic prose and, ideally, to produce a publication-quality article by the end of the course. Taught in a lecture/discussion and workshop format.

EN-619 Writing and the World Wide Web
Course Type(s): EN.RW, EN.4
A study of theories and concepts of writing and rhetoric in digital media with emphasis on the uses of verbal and visual media in digital spaces, such as Web sites, blogs, and wikis. Topics examined include authorship, narrative, and multimedia participation, design, and creation.

EN-644 Manuscript Seminar
Prerequisite(s): Completion of 21 credits with a minimum G.P.A. of 3.00 and a minimum of 6 credits of courses with a course type of ENCW
Term Offered: All Terms
Course Type(s): None
Completion of a single-genre manuscript under the direction of a first reader who is a member of the English graduate faculty, in consultation with a second reader, who is a creative writing faculty member. Six face-to-face meetings with the first reader are required, and two meetings with the second reader. The manuscript will consist of at least forty to fifty pages of poetry or prose half of which may be work begun in previous graduate creative writing courses and substantially revised for this course. The manuscript will include a five-page Introduction. Once the manuscript has been judged as satisfactory by both readers, the graduate program will schedule an oral defense to be attended by both readers as well as the graduate program director. This is a pass/fail course.

EN-650 Internship Seminar
Prerequisite(s): 12 credits from English MA or MFA, consent of the graduate advisor, and internship placement.
Term Offered: Spring Term
Course Type(s): None
A seminar designed for students who are pursuing professional experience through internships appropriate to those pursuing an advanced degree in creative writing.

EN-652 Craft Intensive Seminar
Course Type(s): EN.CW
Students will conduct intensive study in advanced creative writing craft techniques through close readings, lectures, discussion, written analysis, and the rigorous application of said techniques through writing exercises and short workshops. Genre and seminar topics vary by professor. (See MFA coursebook for details.) This course may be retaken for credit.

EN-655A MFA Creative Thesis Seminar
Course Type(s): None
Students will complete 80-200 pages of prose, or 40-80 pages of poetry, consisting of previously written work that has been revised substantially along with new work. In addition, the student will craft a critical paper (12-15 pages) analyzing comparable texts that exemplify the literary tradition from which the thesis springs. The paper may discuss the influence of analyzed works on the thesis, but will focus on a discussion of the craft evident in the creative works discussed. Please contact the department for additional information.
EN-655B  MFA Creative Thesis Seminar II  Credits: 3
Prerequisite(s): EN-655A and 39 credits in English
Term Offered: Spring Term
Course Type(s): None
Students will complete 80-200 pages of prose, or 40-80 pages of poetry, consisting of previously written work that has been revised substantially along with new work. In addition, the student will craft a critical paper (12-15 pages) analyzing comparable texts that exemplify the literary tradition from which the thesis springs. The paper may discuss the influence of analyzed works on the thesis, but will focus on a discussion of the craft evident in the creative works discussed. Please contact the department for additional information.

EN-674  Professional Research with Service Learning  Credits: 3
Term Offered: Fall Term
Course Type(s): EN.CW, EN.LT, EN.RW
An independent study designed for students who want to explore and prepare for careers that are appropriate for holders of advanced degrees in English. It can fulfill a literature, rhetoric, or creative writing elective. Students will produce an annotated bibliography and researched writing totaling at least 25 pages, a service learning component that offers practice experience, and a curriculum vitae or resume, cover letter, and LinkedIn profile.

EN-691  English Thesis Development  Credits: 3
Prerequisite(s): 12 credits and a minimum G.P.A. of 3.00.
Term Offered: All Terms
Course Type(s): None
An intensive and rigorous study of an author, topic, or theme developed under the direction of and evaluated by a first reader who is a member of the English graduate faculty, in consultation with a second reader, who is a full-time faculty member. Six face-to-face meetings with the first reader are required, and two meetings with the second reader. The thesis may be based upon a paper completed in a course taken in a previous semester and further developed under the direction of the professor in that course. By the end of the semester, students will submit a twenty-five item annotated bibliography and a ten-page critical essay.

EN-692  English Thesis Writing  Credits: 3
Prerequisite(s): EN-691, completion of twenty-one credits, and a minimum GPA of 3.00.
Term Offered: All Terms
Course Type(s): None
Completion of the writing of the thesis under the continuing direction of a first reader who is a member of the English graduate faculty, in consultation with a second reader, who is a full-time faculty member. Six face-to-face meetings with the first reader are required, and two meetings with the second reader. The thesis must comprise of between thirty-five and fifty pages (not including the works cited) and will be evaluated by the first and second readers. Once the thesis has been judged as satisfactory by both readers, the graduate program will schedule an oral defense to be attended by both readers as well as the graduate program director. Students may not register for Thesis Writing EN-692 in a summer session.

EN-698  Special Topics in English  Credits: 3
Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the candidates and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated on the candidate’s transcript. Permission of the program director is required to take this course. This course is repeatable twice for credit.

EN-699  Independent Study in English  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Reading and research under the direction of a member of the English faculty. A minimum of six, face-to-face meetings are required; bi-weekly meetings are the norm. Prior permission of the directing professor and department chair is required to take this course.

Graduate Creative Writing Certificate (EN.CW.GR.C)

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-607</td>
<td>Seminar in Creative Writing: Non-Fiction,Creative Non-Fiction Workshop</td>
<td>3</td>
</tr>
<tr>
<td>EN-611</td>
<td>Fiction Workshop</td>
<td>3</td>
</tr>
<tr>
<td>EN-615</td>
<td>Seminar in Creative Writing: Writer’s Craft,Craft Seminar</td>
<td>3</td>
</tr>
<tr>
<td>EN-609</td>
<td>Seminar in Creative Writing: Poetry,Poetry Workshop</td>
<td>3</td>
</tr>
<tr>
<td>EN-652</td>
<td>Craft Intensive Seminar</td>
<td>3</td>
</tr>
<tr>
<td>EN-613</td>
<td>Seminar in Creative Writing: Playwriting</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>15</td>
</tr>
</tbody>
</table>

Admission Requirements

- Possession of a baccalaureate degree with a minimum 2.75 overall GPA, fifteen or more credits in literature or a related field and at least one course in creative writing are strongly recommended.
- An application essay of 1,000 words describing your interest in creative writing, what you hope to accomplish in the program, and how you think the program will fit into your academic and career goals.
- A brief creative writing sample: four to five pages of poetry, fiction, creative non-fiction, or drama writing.
- Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

M.A. in English: Creative Writing Concentration (EN.CW.MA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EN-502</td>
<td>Seminar in Literary Research</td>
<td>3</td>
</tr>
<tr>
<td>EN-692</td>
<td>English Thesis Writing</td>
<td>3</td>
</tr>
<tr>
<td>EN-615</td>
<td>Seminar in Creative Writing: Writer’s Craft,Craft Seminar</td>
<td>3</td>
</tr>
<tr>
<td>EN-609</td>
<td>Seminar in Creative Writing: Poetry,Poetry Workshop</td>
<td>3</td>
</tr>
<tr>
<td>EN-652</td>
<td>Craft Intensive Seminar</td>
<td>3</td>
</tr>
<tr>
<td>EN-613</td>
<td>Seminar in Creative Writing: Playwriting</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>15</td>
</tr>
</tbody>
</table>
Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 GPA, fifteen or more credits in literature or a related field, and at least one course in creative writing is strongly recommended.

2. An application essay of 1,000 words describing your interest in this program, what you hope to accomplish, and how you think the program will fit into your academic and career goals.

3. A brief creative writing sample: 15-20 pages of poetry, fiction, or creative non-fiction.

4. Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

M.A. in English: Literature Concentration (EN.LIT.NTT.MA; EN.LIT.TT.MA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>EN-502</td>
<td>Seminar in Literary Research</td>
<td>3</td>
</tr>
<tr>
<td>Literature Before 1800 (3 credits)</td>
<td>Select one course designated with the Course Type: EN.1</td>
<td>3</td>
</tr>
<tr>
<td>Literature After 1800 (3 credits)</td>
<td>Select one course designated with the Course Type: EN.2</td>
<td>3</td>
</tr>
<tr>
<td>Ethnic, Multicultural and World Literatures (3 credits)</td>
<td>Select one course designated with the Course Type: EN.3</td>
<td>3</td>
</tr>
<tr>
<td>Language and Theory (3 credits)</td>
<td>Select one course designated with the Course Type: EN.4</td>
<td>3</td>
</tr>
<tr>
<td>Electives (9 credits)</td>
<td>Select three additional English courses at the 500+ level, two of which must be designated with the Course Type: EN.LT</td>
<td>9</td>
</tr>
</tbody>
</table>

Thesis or Capstone (6 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-691</td>
<td>English Thesis Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Or for Capstone, 500+ level English course with course type EN.LT</td>
<td>3</td>
</tr>
<tr>
<td>EN-692</td>
<td>English Thesis Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Or for Capstone, 500+ level English course with course type EN.LT and:</td>
<td>3</td>
</tr>
<tr>
<td>EN-ESS</td>
<td>English Master's Essay</td>
<td>0</td>
</tr>
</tbody>
</table>

Total Credits 30

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 GPA; fifteen or more credits in literature or a related field strongly recommended.

2. An application essay of 1,000 words describing your interest in this program, what you hope to accomplish, and how you think the program will fit into your academic and career goals.

3. A writing sample in the form of a paper that best represents your academic work.

4. Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

M.A. in English: Rhetoric and Writing Concentration (EN.RW.NTT.MA; EN.RW.TT.MA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EN-502</td>
<td>Seminar in Literary Research</td>
<td>3</td>
</tr>
<tr>
<td>Literature Before 1800 (3 credits)</td>
<td>Select one course designated with the Course Type: EN.1</td>
<td>3</td>
</tr>
<tr>
<td>Literature After 1800 (3 credits)</td>
<td>Select one course designated with the Course Type: EN.2</td>
<td>3</td>
</tr>
<tr>
<td>Ethnic, Multicultural and World Literatures (3 credits)</td>
<td>Select one course designated with the Course Type: EN.3</td>
<td>3</td>
</tr>
<tr>
<td>Rhetoric and Writing (12 credits)</td>
<td>Select two courses designated with Course Type: EN.RW</td>
<td>6</td>
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<tr>
<td>EN-546</td>
<td>Historical Persuasion and Argumentation</td>
<td>3</td>
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<tr>
<td></td>
<td>or EN-547 Definitions of Contemporary Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>EN-558</td>
<td>Teaching Composition</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 30

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 GPA; fifteen or more credits in literature or a related field strongly recommended.

2. An application essay of 1,000 words describing your interest in this program, what you hope to accomplish, and how you think the program will fit into your academic and career goals.

3. A writing sample in the form of a paper that best represents your academic work.

4. Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

M.F.A. in Creative Writing (CW.MFA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EN-652</td>
<td>Craft Intensive Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Creative Writing:</td>
<td>Select 2 Courses in Creative Writing Designated with Course Type EN.CW</td>
<td>6</td>
</tr>
<tr>
<td>EN-655A</td>
<td>MFA Creative Thesis Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 18

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 GPA; fifteen or more credits in literature or a related field strongly recommended.

2. An application essay of 1,000 words describing your interest in this program, what you hope to accomplish, and how you think the program will fit into your academic and career goals.

3. A writing sample in the form of a paper that best represents your academic work.
EN-655B MFA Creative Thesis Seminar II 3
Elective, one course from among: 3
Select one additional 500+ Level Course Designated with Course Type EN.CW
EN-650 Internship Seminar, Publishing Seminar

Total Credits 18

1 May be repeated once for credit.

Current MA to MFA Language:

A creative writing sample: 15 – 20 pages of poetry, fiction, creative non-fiction, or drama writing.

Remove drama writing, as we do not offer this program or courses in this area.

**Admission Requirements**

**Students applying for the dual MA/MFA degree program:**

- Possession of a baccalaureate degree with a minimum 2.75 overall GPA, fifteen or more credits in literature or a related field, and at least one course in creative writing is strongly recommended.
- An application essay of 1,500 words describing their interest in creative writing, intent to continue study toward the M.F.A., what they hope to accomplish in the M.A. program, and how they think the program will fit into their academic and career goals.
- A creative writing sample of twenty (20) pages: in poetry, fiction, or creative non-fiction.
- Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

In either the third semester of the M.A. course of study, or after 18 credits, the M.F.A. candidates will submit an e-form applying to continue into the MFA curriculum, with the Director’s approval.

**Students applying for the third-year M.F.A. degree program only:**

- Possession of a Monmouth University master’s degree in English with a Creative Writing Concentration with a minimum 3.25 overall GPA
- OR
  
a non-creative writing master’s degree along with a Monmouth University Graduate Certificate in Creative Writing with a 3.25 overall GPA
- An application essay of 1,000 words describing your interest in creative writing, what you hope to accomplish in the program, and how you think the program will fit into your academic and career goals
- A creative writing sample: 15 – 20 pages of poetry, fiction, creative non-fiction, or drama writing
- Two letters of recommendation. Letters from current or former professors recommended; if these are unavailable, letters may be sought from current colleagues, or a current or recent supervisor.

**History**

Chair: Christopher DeRosa, Department of History and Anthropology

**Master of Arts in History (M.A.)**

This program is designed to accommodate various types of students. Those who wish to specialize in European History, the History of United States, or the program's new specialization, World History, and those who may wish to pursue a doctoral degree may elect to concentrate in any of those areas and to complete a master's thesis. Others with a more general interest in the subject of history may elect to pursue a more broad-based program with the option of taking a comprehensive exam instead of writing a master’s thesis. The program is designed not only for recent college graduates, but also for secondary school teachers of history and social studies, and professionals in government, the military, and business.

Of the thirty credits required for this program, up to six graduate credits may be transferred from another institution.

**Programs**

**Masters**

- M.A. in History - Thesis Track (p. 84)
- M.A. in History - Non-Thesis Track (p. 83)
- M.A. in History, European Specialization - Thesis Track (p. 85)
- M.A. in History, European Specialization - Non-Thesis Track (p. 84)
- M.A. in History, United States Specialization - Thesis Track (p. 86)
- M.A. in History, United States Specialization - Non-Thesis Track (p. 86)
- M.A. in History, World Specialization - Thesis Track (p. 88)
- M.A. in History, World Specialization - Non-Thesis Track (p. 87)

**Graduate Certificates**

- Graduate Certificate in Geographic Information Systems (GIS) (p. 83)

**Faculty**

**Julius Adekunle**, Professor (Graduate Faculty). B.A., University of Ife, Nigeria; M.A., University of Ibadan, Nigeria; Ph.D., Dalhousie University, Canada. Teaching fields include African history, Africa and its diaspora, and Western Civilization. Recent research on Nigerian history and society.

jadekunl@monmouth.edu

**Kenneth Campbell**, Professor (Graduate Faculty). B.A., Virginia Commonwealth University; M.A., Ph.D., University of Delaware. Teaching fields include English history, Medieval and early modern Europe, and history of witchcraft. Recent research on the English Reformation and religious nonconformity in sixteenth- and seventeenth-century England.

campbell@monmouth.edu

**Christopher DeRosa**, Associate Professor and Chair (Graduate Faculty). B.A., Columbia University; Ph.D., Temple University. Fields include military history and American political history. Recent research concerns the political indoctrination of American soldiers.

cderosa@monmouth.edu
Geoffrey Fouad, Assistant Professor (Graduate Faculty). B.S., Catawba College; M.S., University of South Florida; Ph.D., San Diego State University/UC Santa Barbara. Geographer using geographic information systems (GIS), remote sensing, and modeling to study environmental systems in space and time.
gfouad@monmouth.edu

Frederick McKittrick, Associate Professor and Chair, Art and Design (Graduate Faculty). B.A., M.A., Ph.D., Columbia University. Teaching areas include German history, French history, and modern European history. Current research is on German artisans of the Nazi and post-Nazi periods.
fmcikitri@monmouth.edu

Katherine Parkin, Professor and Jules Plangere Jr. Endowed Chair in American Social History (Graduate Faculty). B.A., Lake Forest College; Ph.D., Temple University. Major areas of interest include U.S. history and American women.
kparkin@monmouth.edu

Thomas Pearson, Professor (Graduate Faculty). B.A., Santa Clara University; M.A., Ph.D., University of North Carolina at Chapel Hill. Teaching fields include Russian history, Soviet and Russian foreign policy, comparative revolutions, nineteenth-century Europe, and modern Eastern Europe. His most recent research has focused on government and peasantry in modern Russian history.
pearson@monmouth.edu

Maryanne Rhett, Professor and History Graduate Program Director (Graduate Faculty). B.A., University of South Carolina; M.A., University of Arizona; Ph.D., Washington State University. Areas of teaching are Islam and the Middle East. Research focuses on the Balfour Declaration of 1917.
mrhett@monmouth.edu

Karen Schmelzkopf, Associate Professor (Graduate Faculty). B.A., M.A., Florida Atlantic University; Ph.D., Pennsylvania State University. Interests include Geographic Information Systems, land use policy, community organizations, and urban redevelopment. Current research projects include community activism, politics of public space, and urban redevelopment issues in Asbury Park.
kschmelz@monmouth.edu

Hettie Williams, Assistant Professor (Graduate Faculty). B.A., Rowan University; M.A., Monmouth University; Ph.D., Drew University. Scholarly interests include African American intellectual history, gender in U.S. history, and race studies.
hwilliam@monmouth.edu

 Courses

HS-CPE History Comprehensive Exam
Term Offered: All Terms
Course Type(s): None
History Comprehensive Exam. This is a pass/fail course.

HS-THD Thesis Defense
Term Offered: All Terms
Course Type(s): None
History Thesis Defense. This is a pass/fail course.

HS-501 Historical Criticism
Term Offered: All Terms
Course Type(s): None
History as a scholarly discipline, with emphasis on historical interpretation and philosophy since Classical Antiquity, the evaluation of sources, and the rules of critical analysis. A research paper will be required.

HS-502 The Philosophy of History
Term Offered: All Terms
Course Type(s): None
Analysis and appraisal of representative writings and philosophies of great historians from Classical Antiquity to modern times, reflecting the development of history as a scholarly discipline.

HS-503 Introduction to the Study of World History
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Introduces students to the growing field of World History, surveying the developments in the field since the nineteenth century. Examines key concepts and methods, and explores major themes and categories of analysis, including empire, nationalism, gender, and law. Required of all students in the World History specialization.

HS-504 Ancient Civilizations of Native America
Term Offered: All Terms
Course Type(s): HSNW
Cultural developments in Mesoamerica and the Central Andes from the development of agriculture to the Spanish conquest, focusing on Inca and Aztec civilizations; theoretical exploration of developmental similarities between the two regions. Also listed as AN-504.

HS-505 U.S. Women's History
Term Offered: All Terms
Course Type(s): HSUS
Explores U.S. Women's History and focuses on how women of different socioeconomic backgrounds, races, and ethnic groups have experienced cultural transformations and political change. Emphasis will be on the significance of citizenship, political agency, the cultural construction of race and gender, and reproductive rights.

HS-506 Historical Archaeology
Term Offered: Spring Term
Course Type(s): HSUS
An intensive introduction to historical and industrial archaeology (c. 1492+). Topics covered include exploration, imperialism, colonization, industrialization and urbanism. Archaeological field methods and the interpretation of material culture are also introduced. Also listed as AN-506.

HS-509 The Civil Rights-Black Power Era
Term Offered: Fall Term
Course Type(s): HSUS
This course is a graduate level seminar on the Civil Rights Movement (CRM) and Black Power era in United States history (U.S.) with an emphasis on social and intellectual history. In this class, we will trace the long history of the struggle for Black equality from the early twentieth century to the Black Lives Matter Movement (BLM). This includes a discussion of major figures of the CRM and Black Power organizations, the pivotal role of women in this history, armed resistance, the movement in the North, and the limitations of civil rights reform in U.S. history more generally.
HS-510 Seminar in American History Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
Selected topics in American history, with emphasis on techniques of independent historical research and writing.

HS-511 Readings on American Colonial History Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
Readings in recent writings in monographs and periodicals devoted to social, economic, and political aspects of American colonial history.

HS-512 American Revolution and Constitutional Issues, 1763-1789 Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
Problems of Empire; the causes, course, and consequences of the American Revolution; the continuing revolution within the states and under the Articles of Confederation; and postwar struggles resulting in the adoption of the Constitution.

HS-515 The Civil War and Reconstruction Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
The economic, social, and political forces in the United States during the years 1850-1877 relating to the onset, nature, and impact of the Civil War and Reconstruction, and the Black Revolution.

HS-518 United States Family History Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
This seminar explores United States Family History and the social construction of the family, its many diverse forms, and the relationship between society and the family. Analyzing issues of race, class, ethnicity, gender, and sexuality will further enable us to consider the history of the family form. We will cover such diverse topics as the history of adoption, courtship, and divorce.

HS-519 Harlem Renaissance and the New Negro Era Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
This course is a graduate seminar on the history of the cultural and intellectual movement in African American life in the 1920s and 1930s known as the Harlem Renaissance and New Negro era characterized by developments in poetry, literature, and in the visual arts. Although Harlem was the center of African American life and culture at the time, this phenomenon had both national and global dimensions. In this course, we will focus on race, gender, class and sexuality in the Harlem Renaissance and New Negro era beyond Harlem including some discussion of negritude across the African Diaspora and negrismo in the Spanish speaking Caribbean. This course includes an examination of the Harlem Renaissance and New Negro era from multiple perspectives including literary, artistic, cinematic, economic, and philosophical aspects of this critical moment in African American history.

HS-520 Field Methods Arch Credits: 3
Course Type(s): None
An introduction to archaeological field methods: survey and excavation. Students will also learn excavation procedures, descriptive note writing, and drawing, and be introduced to archaeological photography, mapping, reporting, conservation and curation. Supervised fieldwork will be conducted on archaeological sites. Also listed as AN-520.

HS-522 History Urbanization in America Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
Provides an interdisciplinary study of the history of urbanization and industrialization in the United States from the mid-nineteenth century to the early twentieth century. Using the themes of community, technology, public policy, and immigration, students will examine the development and changes in the social, physical, political, and economic urban landscape.

HS-525 World War II Credits: 3
Course Type(s): HSEU, HSUS
Considers the military, economic, and political characteristics of the Allied and Axis powers and the strategies they produced; examines the military campaigns, the wartime economics, life on the home fronts, the experience of combat, the dynamics of occupation, and the roles of morality and immorality in the conduct of the war.

HS-526 The Cold War Credits: 3
Course Type(s): HSEU, HSUS, HSWLD
Examines the rivalry between the United States and the Soviet Union that organized global politics for forty-five years; the roles of ideology, economy, and security that fueled it; the diplomacy, propaganda, and armed might used to wage it; and the impact it had on participants' politics and culture.

HS-527 United States Military History Credits: 3
Course Type(s): HSUS
Surveys the American experience of war, from the first Native American-European contact through the military interventions at the dawn of the twenty first century; examines not only the major conflicts in this period, but also the evolution of strategy, military institutions, civil-military relations, and the "American way of war."

HS-528 History of Consumerism in America Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
A seminar that explores the origins of the consumer culture and the multitude of ways in which it has shaped American society. We consider both the reverence of and the critiques of consumerism, analyzing race, class, gender, ethnicity, and geography in our consideration of consumer ideology and practices. Advertising, marketing, sales, and the consumer will all be considered in our analysis of the history of consumerism.

HS-529 History of Sexuality in America Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
A seminar that explores the cultural history of sexuality in the United States. We will consider how race, class, and gender have influenced ideas about sexuality, morality, and power. Major topics include prostitution; reproduction; gay, lesbian, and transgender sexualities; sexually transmitted diseases; and sexual representation and censorship. Working with monographs, scholarly articles, and primary sources that come from throughout American history, we will explore the ways in which sexuality has both shaped and been affected by this nation's history.

HS-530 New Jersey History Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
A study of New Jersey history especially as a venue for exploring general trends in American history. Topics covered include New Jersey’s Native Americans, colonial settlement, the proprietary government, agricultural unrest, the American Revolution, Federalism, slavery, industrialization, urbanization and suburbanization.
HS-531  Studies in Ancient History
Term Offered: Spring Term
Course Type(s): HSEU
Readings and discussion of principal aspects of Graeco-Roman culture, with emphasis on the contribution of Classical Antiquity to Western Civilization and recent research in the field.

HS-532  Native American History and Prehistory
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Examines North America’s native people in the area north of the Rio Grande. It includes North American prehistory with a historical overview of Native American experiences since contact. Evidence from archaeology, oral histories, and written sources are all presented. Challenges facing modern Native Americans are also examined. Also listed as AN-532.

HS-535  The Renaissance
Term Offered: Summer Term
Course Type(s): HSEU
Europe in transition from the fourteenth to the sixteenth century; the crisis of the church, humanism and art, politics and diplomacy, exploration and discovery, science and the occult.

HS-536  The Reformation
Term Offered: All Terms
Course Type(s): HSEU
A study of sixteenth and early seventeenth century religious and political developments in Europe; causes of the Reformation, its political and social institutionalization, ideas of reformers, wars of religion, and the counter-Reformation.

HS-537  Power and Enlightenment: Europe 1648-1789
Term Offered: Spring Term
Course Type(s): HSEU, HSPRE
A study of European history from the Treaty of Westphalia to the French Revolution, emphasizing the contrast between political and military developments and cultural and intellectual trends. Special emphasis on the development of absolutism in France, Prussia, Austria, Spain, and Russia; the struggle against absolutism in Britain, Sweden, and the Netherlands; and the ideals and goals of the European enlightenment, developing social and political tensions, and enlightened despotism.

HS-540  European Civilization and Recent Research
Term Offered: Spring Term
Course Type(s): HSEU
Selected topics in modern European history, with emphasis on techniques of historical research.

HS-541  Graduate Seminar in European History
Term Offered: Spring Term
Course Type(s): HSEU
Selected topics in European history, with emphasis on techniques of independent historical research and writing.

HS-542  French Revolution
Term Offered: All Terms
Course Type(s): HSEU
The causes of the Revolution; its relationship to the Enlightenment; the political, economic, social, and cultural consequences of the event and of the Terror.

HS-544  The German Empire, 1871-1914
Term Offered: Spring Term
Course Type(s): HSEU
The unification of the Empire; the political and social settlement imposed by Bismarck; the domestic crisis preceding World War I.

HS-545  World War I
Term Offered: Spring Term
Course Type(s): HSEU
The international and domestic causes of the Great War; its political, economic, social, cultural, and psychological consequences in Britain, France, and Germany; its role in the birth of the modern age.

HS-546  The Weimar Republic, 1918-1933
Term Offered: Spring Term
Course Type(s): HSEU
The foundation of the first German republic as an outcome of revolution and defeat in war; its political and cultural innovations; the causes of its collapse.

HS-547  The Third Reich
Term Offered: All Terms
Course Type(s): HSEU
The ideological origins of Nazism; the consolidation and character of Nazi rule; the relation of Hitler with the German people; Nazism as revolution.

HS-548  African American Historiography from 1865 to the Present
Term Offered: Spring Term
Course Type(s): HSUS
A graduate seminar on the historiography of African Americans from 1865 to the present. Students in this class will become familiar with the major topics, themes, methods and scholarly debates in this field that will then allow them to identify potential research topics in African American history, enhance their teaching on the subject, as public-school educators, while sharpening their critical and analytical thinking skills. Readings in this class include scholarly works on the history of emancipation, resistance, gender, the rise of Jim Crow, the Harlem Renaissance, the urban North, and the long Civil Rights-Black Power era to the New Jim Crow.

HS-549  James Baldwin's America
Course Type(s): HSUS
A graduate seminar on twentieth century U.S. history with an emphasis on race, gender, sexuality, religion and politics as chronicled through the writings, thoughts and ideas of James Baldwin. Baldwin is one of the foremost intellectuals in U.S. history. He wrote on a variety of subjects including art, culture, politics, religion, race, gender, and sexuality. Students in this class will become familiar with twentieth century U.S. history as expressed in the life and work of James Baldwin through a critical examination of his writings. Students will enhance their understanding of the subject of race and African Americans, as public-school educators and those with a scholarly interest in the subject, while sharpening their critical and analytical thinking skills after becoming familiar with the major themes, topics and history illustrated in the writings of one of the nation’s most important intellectuals. Readings in this class include Baldwin’s writings on religion, race, gender and sexuality from the mid-twentieth century to the 1980’s.

HS-550  American Civilization
Course Type(s): HSEU
A study of sixteenth and early seventeenth century religious and political developments in Europe; causes of the Reformation, its political and social institutionalization, ideas of reformers, wars of religion, and the counter-Reformation.

HS-551  Graduate Seminar in British History
Term Offered: All Terms
Course Type(s): HSEU
Selected topics in modern English and British history, with emphasis on techniques of historical research.
HS-553 Tudor-Stuart England
Course Type(s): HSEU
Credits: 3
The political, religious, social, and cultural history of England in the sixteenth and seventeenth centuries: Tudor absolutism, the English Reformation, the rise of Puritanism, social and economic change, the conflict between crown and Parliament, the English Civil War, and the Revolution of 1688.

HS-561 Twentieth Century Russia and the Soviet Union
Term Offered: Spring Term
Course Type(s): HSEU
Credits: 3
Studies in the transformation of Russian society, with emphasis on the revolutionary movements and the economic, social, and political institutions of Soviet Russia.

HS-562 History of Maps and Mapping
Term Offered: Spring Term
Course Type(s): HSEU, HSNW, HSWLD
Credits: 3
Students will study the historical developments in cartographic technique, the development of mapping in different parts of the world, and the future of mapping in the computer age. Students will focus on the ways the events and ideology of a time period influence maps and mapping, and how in turn mapping influences history and ideology. Also listed as AN-562.

HS-563 Twentieth Century East Central Europe
Term Offered: All Terms
Course Type(s): HSEU
Credits: 3
The political, economic, and social development of the lands between Germany and Russia, emphasizing the breakdown of the Ottoman and Hapsburg empires, the rise of the independent successor states between the wars, the Soviet takeover in the post-war era, and the development of "national" communism and polycentrism.

HS-572 The History of Tourism
Term Offered: Fall Term
Course Type(s): HSEU, HSWLD
Credits: 3
Students will study the history of tourism in different parts of the world from political, social, cultural, geographic, and economic perspectives. This will include an examination of historical differences in tourist attractions, tourist behaviors, and impacts on tourist destinations and their people. Students will also study how historical memory and interpretation shapes the contemporary tourist experience, as well as questions concerning authenticity and tourism. Also listed as AN-572.

HS-573 Ecological Imperialism
Course Type(s): HSWLD
Credits: 3
Ecological History will examine the relationship between human society(ies) and the natural world over recorded time. As an interdisciplinary exercise this class will draw on the natural sciences, anthropology, and history to better understand the biological, cultural, imperial, ethical, economic, religious, political, and global ramifications of the relationship between humanity and humanity's "natural" surroundings. Also listed as AN-573.

HS-581 Seminar in East Asian History
Term Offered: Spring Term
Course Type(s): HSNW
Credits: 3
A study of selected topics in Chinese or Japanese history, with emphasis on techniques of historical research.

HS-584 Japanese Empire
Term Offered: Fall Term
Course Type(s): HSNW, HSWLD
Credits: 3
This course fits into the curriculum on multiple levels. MA students in history with a concentration in world history will have a new course to consider that will broaden their understanding of modernity, empire, and global imperialism. This course seeks to expand the current history curriculum by focusing on East Asia, an important region that has not been previously covered in graduate history courses.

HS-585 Colonialism in Africa
Term Offered: Spring Term
Course Type(s): HSNW
Credits: 3
Analysis and appraisal of colonialism in Africa, reflecting on the political, economic, and sociocultural transformations, that occurred in Africa between 1880 and 1960. Also listed as AN-585.

HS-586 Twentieth-Century China
Term Offered: All Terms
Course Type(s): HSNW
Credits: 3
This graduate seminar is an introduction to English-language works and controversies in Chinese history from the early twentieth century through the People's Republic of China, the latter of which has only recently been studied by historians. Because the period from 1950 on was considered the purview of political scientists and sociologists until recently, this course aims to provide graduate students an overview of the scholarly literature in history, as well as the social sciences, on the People's Republic. The course will focus on issues that have been most prominent in contemporary scholarship, including state-building, modernization, the consolidation of CCP power, and the uneven effects of revolutionary change.

HS-587 Nationalism in Africa
Term Offered: Spring Term
Course Type(s): HSNW, HSWLD
Credits: 3
Examines a major episode that transformed the political history of Africa in the twentieth century. It discusses how nationalism became an instrument of political change that led to the independence of African states. Begins by examining the concept of nationalism in Europe, how it was applied in Africa, and how it contributed to the struggle for independence.

HS-588 Decolonization in Africa 1940-1960
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Credits: 3
Examines the process of transfer of power from colonial powers to Africans; the emergence of education elites; the rise of nationalism; implications of decolonization; and African expectations of independence.

HS-590 Paris, 1919: A World History
Term Offered: Spring Term
Course Type(s): HSEU, HSWLD
Credits: 3
Offers an examination of the Paris Peace Conference following World War I taking into account the ideologies and global themes of the time. Of particular interest, the course will examine nationalism, imperialism, state formation, militarism, and racism.
HS-591 Islam  
Credits: 3  
Term Offered: Summer Term  
Course Type(s): HSNW, HSWLD  
This course examines Islamic history, culture, and art across the world, including but not limited to the Middle East, North Africa, the Balkans, and the Americas. Thematic coverage will include religious/spiritual/ritualistic, political, cultural, and intellectual changes, as well as, imperialism, the rise of nation-states, and cultural interaction with traditionally non-Islamic lands and peoples. Also listed as AN-591.

HS-595 History Internship/Practicum  
Credits: 3  
Prerequisite(s): Completion of twelve credits  
Course Type(s): None  
Provides graduate students with the opportunity to gain substantive career experience and build specific applied skills by working in outside programs, institutions, agencies and firms engaged in the fields of public history, historical archeology and anthropology and regional geography.

HS-598 Special Topics in History  
Credits: 3  
Course Type(s): None  
Allows students to study a specific aspect of history. The subject matter varies from semester to semester, and depends on the professor who teaches the course. If a prerequisite is required it will be announced in the course schedule.

HS-599 Independent Study in History  
Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Reading and research leading to significant written work under the direction of a member of the History faculty. Prior permission of the directing professor and department chair is required to take this course.

HS-690 History Master's Thesis  
Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Reading and research leading to significant written work under the direction of a history faculty member, for the completion of the Master's program in the history department. Each thesis will be supervised by a "first reader" and a "second reader". First readers must be full-time faculty with terminal degrees in the field. Registration for thesis credits is completed after a successful defense of a prospectus (thesis proposal). This is a pass/fail course.

Graduate Certificate in Geographic Information Systems (GIS.GR.C)  

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AN/GO-524</td>
<td>Introduction to Geographical Information Systems (GIS)</td>
<td>3</td>
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<tr>
<td>GO-520</td>
<td>Spatial Database Design and Management in GIS</td>
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<tr>
<td>GO-540</td>
<td>Spatial Analysis</td>
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Electives (3 credits)  
Select one course from the following list:  
GO-501 Advanced GIS Applications and Project Implementation  
GO-510 Cartography in GIS  
GO-515 Visual Basic for GIS  
GO-559 Remote Sensing and GPS

AN/HS-520 Field Methods in Archaeology  
AN/HS-562 History of Maps and Mapping  
CJ-595 Geographic Information Systems, Crime Mapping, and Analysis  
CJ-695 Knowledge into Practice: Criminal Justice Capstone Course

Total Credits  

Admission Requirements  
1. Possession of a baccalaureate degree from an accredited college or university with a minimum 3.0 grade point average (GPA).  
2. A 500-word essay highlighting personal and/or professional goals related to pursuing study in the GIS graduate certificate program.

M.A. in History - Non-Thesis Track (HS.NTT.MA)  

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<thead>
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<td>or HS-502</td>
<td>The Philosophy of History</td>
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<tr>
<td>Select one U.S. History course designated with Course Type: HSUS</td>
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<tr>
<td>Select one European History course designated with Course Type: HSEU</td>
<td>3</td>
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<tr>
<td>Select one World or Non-Western course designated with Course Types: HSWLD or HSNW</td>
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<tr>
<td>Select 15 credits of History (HS) Electives</td>
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<td>Select 3 credits of History (HS)</td>
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<td>HS-CPE</td>
<td>History Comprehensive Exam</td>
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Total Credits  

Sequence Chart  

Included below is a suggested plan of study to complete this program. Please use this as a guide; consult with your advisor to determine the sequence that best matches your circumstances.
Second Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Fall Credits</th>
<th>Spring Credits</th>
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<tr>
<td>Fall</td>
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<td>Spring</td>
<td>Select 6 credits of (HS-500+) Graduate History Electives 6</td>
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Total Credits 30

Admission Requirements

1. Possession of a baccalaureate degree with a 2.5 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
3. Written statement that describes the historical areas you wish to study and details how graduate study will contribute to your professional and academic goals.

M.A. in History - Thesis Track (HS.TT.MA)

Students interested in pursuing the thesis option must consult with the department before submitting the e-FORM to change their program.

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<td>Select one European History course designated with Course Type: HSEU</td>
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<tr>
<td>Select one World or Non-Western course designated with Course Types: HSWLD or HSNW</td>
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Electives (15 credits)

Select 15 credits of History (HS) Electives 15

Thesis (3 credits)

HS-690 History Master’s Thesis 3

HS-THD Thesis Defense 0

Total Credits 30

Sequence Chart

Included below is a suggested plan of study to complete this program. Please use this as a guide; consult with your advisor to determine the sequence that best matches your circumstances.

First Year

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<th>Summer Credits</th>
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<td>3 Select 6 credits of History (HS-500+) Electives</td>
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<td>Spring</td>
<td>Select one European History (HS-500+) course designated with course type: HSEU</td>
<td>3 Select one World or Non-Western (HS-500+) course designated with course types: HSWLD or HSNW</td>
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Total Credits 30

Admission Requirements

1. Possession of a baccalaureate degree with a 2.5 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
3. Written statement that describes the historical areas you wish to study and details how graduate study will contribute to your professional and academic goals.

M.A. in History, European Specialization - Non-Thesis Track (HS.EURO.NTT.MA)

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<tr>
<td>or HS-502</td>
<td>The Philosophy of History</td>
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European Specialization (27 credits)

Select 5 History (HS) courses designated with Course Type: HSEU 15

Select one U.S. History (HS) course designated with Course Type: HSUS 3

Select one World or Non-Western course designated with Course Types: HSWLD or HSNW 3

Select 6 credits of History (HS) coursework 6
Sequence Chart

Included below is a suggested plan of study to complete this program. Please use this as a guide; consult with your advisor to determine the sequence that best matches your circumstances.

First Year

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Second Year

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Total Credits 30

Admission Requirements

1. Possession of a baccalaureate degree with a 2.5 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
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Admission Requirements
1. Possession of a baccalaureate degree with a 2.5 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
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M.A. in History, United States Specialization - Non-Thesis Track (HS.US.NTT.MA)

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<td>or</td>
<td>HS-502</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Philosophy of History</td>
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United States Specialization (27 credits)
Select 5 History (HS) courses designated with Course Type: HSUS 15
Select one European History (HS) course designated with Course Type: HSEU 3
Select one World or Non-Western History (HS) course designated with Course Types: HSWLD or HSNW 3
Select 6 credits of History (HS) coursework 6
HS-CPE History Comprehensive Exam 0
Total Credits 30

Sequence Chart
First Year
<table>
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<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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<td>HS-501 Historical Criticism or 502</td>
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<td>Select 6 credits of Graduate History (HS) courses designated with Course Type: HSUS</td>
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Second Year
<table>
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<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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<td>Select one Graduate History (HS) course designated with Course Type: HSUS</td>
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<td>Select 6 credits of Graduate History (HS) coursework</td>
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Admission Requirements
1. Possession of a baccalaureate degree with a 2.5 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
3. Written statement that describes the historical areas you wish to study and details how graduate study will contribute to your professional and academic goals.

M.A. in History, United States Specialization - Thesis Track (HS.US.TT.MA)

Students interested in pursuing the thesis option must consult with the department before submitting the e-FORM to change their program.

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<td>Requirements (3 credits)</td>
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<td>or</td>
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<tr>
<td></td>
<td>The Philosophy of History</td>
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</table>

United States Specialization (21 credits)
Select 5 History (HS) courses designated with Course Type: HSUS 15
Select one European History (HS) course designated with Course Type: HSEU 3
Select one World or Non-Western History (HS) course designated with Course Types: HSWLD or HSNW 3
Thesis (6 credits)
Select 3 credits of History (HS) coursework 3
HS-690 History Master’s Thesis 3
HS-THD Thesis Defense 0
Total Credits 30

Sequence Chart
Included below is a suggested plan of study to complete this program. Please use this as a guide; consult with your advisor to determine the sequence that best matches your circumstances.
## Admission Requirements

1. Possession of a baccalaureate degree with a 2.5 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
3. Written statement that describes the historical areas you wish to study and details how graduate study will contribute to your professional and academic goals.

## M.A. in History, World Specialization - Non-Thesis Track (HS.WLD.NTT.MA)

### Code | Title | Credits
--- | --- | ---
HS-501 | Historical Criticism | 3
or HS-502 | The Philosophy of History | 3
HS-503 | Introduction to the Study of World History | 3

### World History Specialization (24 credits)

Select 2 History (HS) courses designated with Course Type: HS.WLD

Select 2 World or Non-Western courses designated with Course Types: HS.WLD or HSNW

### Sequence Chart

*Included below is a suggested plan of study to complete this program. Please use this as a guide; consult with you advisor to determine the sequence that best matches your circumstances.*

#### First Year

<table>
<thead>
<tr>
<th>Semester</th>
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<td>Spring</td>
<td>3 HS-501</td>
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<tr>
<td>Summer</td>
<td>3 Select 6 credits of Graduate History (HS) courses designated with Course Type: HSUS</td>
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M.A. in History, World Specialization - Thesis Track (HS.WLD.TT.MA)

Students interested in pursuing the thesis option must consult with the department before submitting the e-FORM to change their program.

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<td>or</td>
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<tr>
<td>HS-503</td>
<td>Introduction to the Study of World History</td>
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**World History Specialization (18 credits)**

- Select 2 History (HS) courses designated with Course Type: HSWLD
- Select 2 World or Non-Western courses designated with Course Types: HSWLD or HSNW
- Select 2 European History (HS) courses designated with Course Type: HSUS or HSEU

**Thesis (6 credits)**

- Select 3 credits of History (HS) coursework
- Select 3 credits of Graduate History (HS-500+) Electives
- Select 3 credits of History Master’s Thesis

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Total Credits 30

**Admission Requirements**

1. Possession of a baccalaureate degree with a 2.5 overall GPA and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation.
3. Written statement that describes the historical areas you wish to study and details how graduate study will contribute to your professional and academic goals.

**Sequence Chart**

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<td>Introduction to the Study of World History</td>
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Select 3 credits of Graduate History (HS) courses designated with Course Type: HSWLD

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**Second Year**

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<td>6 Select 3 credits of Graduate History (HS-500+) Electives</td>
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| HS-690 History Master’s Thesis | 3 |

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</table>
**Political Science and Sociology**

Chair: Kenneth Mitchell, Department of Political Science and Sociology
Sociology Program Director: Johanna Foster

**Mission Statement**

Through a study of government, law, public policy, international relations, and area studies, our mission is to prepare students with knowledge and skills for a number of career possibilities, and to instill civic responsibility and leadership.

**Faculty**

**Rekha Datta**, Professor and Freed Endowed Chair in the Humanities (Graduate Faculty).
Interim Provost/Senior Vice President for Academic Affairs. B.A., M.A., Presidency College, University of Calcutta, India; Ph.D., University of Connecticut. Specialization in political theory, international relations, comparative politics of South Asia, East Asia, the United Nations, and women and the world. Research interests focus on issues of gender and development, traditional and human security issues, and child labor. In 2003 Dr. Datta received the Distinguished Teacher of the Year Award, the highest recognition for teaching at Monmouth University. She served on the county board of the American Association for University Women as Vice President for Public Policy until 2013. Since 2013, she has served on the Board of Big Brothers Big Sisters of Monmouth and Middlesex Counties. Founder of Women and Girls’ Education (WAGE) International, a New Jersey-based 501 (c) (3) not-for-profit organization. Member of the Committee on Status of Representation and Diversity, International Studies Association. Author of: Beyond Realism: Human Security in India and Pakistan in the Twenty-First Century (2008, 2010); Why Alliances Endure: The United States-Pakistan Alliance, 1954-1971 (1994); co-editor, with Judith Kornberg, Women in Developing Countries: Assessing Strategies for Empowerment (2002). Advisor of Pi Sigma Alpha National Political Honor Society. Founder of the Institute for Global Understanding.
rdatta@monmouth.edu

**Kevin Dooley**, Associate Professor (Graduate Faculty). B.A., Monmouth University; M.A., Ph.D., Rutgers University. Research interests focus on globalization, comparative public policy, the politics of language, and comparative European governments. In addition to a wide array of scholarly articles, he is the author/co-author of two books, Politics Still Matter: Globalization, Governance, and the Revival of Regional Minorities (2008) and Why Politics Matter: An Introduction to Political Science (2012).
kdooley@monmouth.edu

**Nancy J Mezey**, Professor (Graduate Faculty).
Dean, Honors School. B.A., Vassar College; M.A., Ph.D., Michigan State University. Specializes in family sociology, race-class-gender studies, gender studies, and the sociology of sexualities. Her research and publications focus on how and why diverse family forms develop out of particular social, cultural, historical, and political contexts. Outside of Monmouth University, Dr. Mezey serves as the 2014-2015 Vice President of the Society for the Study of Social Problems (SSSP). She also served as a volunteer in Mali, West Africa, for the Peace Corps from 1988-1990. In 2010, she received the Monmouth University Distinguished Teacher of the Year Award.
nmezey@monmouth.edu

**Kenneth Mitchell**, Professor and Chair (Graduate Faculty). B.A., University of California; M.S., London School of Economics; D.Phi., Oxford University, United Kingdom. Specializes in Latin-American and Caribbean politics and policy (public sector reform, democratization, and state-society relations); and international political economy (capacity building in public sector, community development, and politics of market-based reform). Authored: State-Society Relations in Mexico (2001); “Don’t Cry for Argentina, They Will Survive This” (2014); “Models of Clientelism and Policy Change: the Case of conditional Cash Transfer Programmes in Mexico and Brazil” (co-authored with Aaron Ansell, 2011); “An Institutional Anomaly, Longevity and Competition in the Dominican Party System” (2009); “Bridging the Convergence-Divergence Policy Diffusion Divide, Mid-range Theorizing and Devolving Food Aid in Mexico and the Dominican Republic” (2007); “Building State Capacity: Reforming Mexican State Food Aid Programs in the 1990’s” (2005). In 2015, he received the Monmouth University Distinguished Teacher of the Year Award.
kmitche@monmouth.edu

**Saliba Sarsar**, Professor (Graduate Faculty). B.A., Monmouth University (Monmouth College); Ph.D., Rutgers University. Specialties are international relations, comparative government (Middle East), and American foreign policy. He is the co-author of two books: Ideology, Values, and Technology in Political Life (1994) and World Politics: An Interdisciplinary Perspective (1995); the editor of two books: Education for Leadership and Social Responsibility (1996) and Palestine and the Quest for Peace (2009); and the co-editor of three books: Principles and Pragmatism – Key Documents from the American Task Force on Palestine (2006), Patriarch Michel Sabbah – Faithful Witness: On Reconciliation and Peace in the Holy Land (2009), and Democracy in Africa: Political Changes and Challenges (2012). He guest edited a special issue of the International Journal of Politics, Culture, and Society (2004), focusing on Palestinian-Israeli relations. Dr. Sarsar’s articles have appeared in Peace and Conflict Studies; Holy Land Studies; Palestine-Israel Journal of Politics; Economics and Culture; This Week in Palestine; Columbia University Middle East Studies Internet Resources; Clio’s Psyche; Peace Review: A Journal of Social Justice; Middle East Quarterly; Jerusalem Quarterly File; Scandinavian Journal of Development Alternatives and Area Studies; Journal of South Asian and Middle East Studies; International Journal of Leadership; Journal of Leadership Studies; and Leadership and Organization Development Journal. Dr. Sarsar also has two published books of poetry: Crosswinds (1999) and Seven Gates of Jerusalem (2010). A third book of poetry, Portraits: Poems of the Holy Land, is awaiting publication.
sarsar@monmouth.edu

**Courses**

**PS-598 Special Topics/Special Projects**

Term Offered: All Terms
Course Type(s): None

Offered occasionally to match the interest of the students and the professor teaching the course. The instruction will follow classroom lectures and discussions on the topic. The exact nature of the topic covered in any given semester is indicated on the student’s transcript. Permission of the program director is required to take this course.
**PS-599  Readings and Research**  
Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
An independent research study based on relevant research and the writing of a substantial paper designed and executed by the student in consultation with a supervising professor. The subject matter should cover public policy and related areas. Prior permission of the directing professor and department chair is required to take this course.

**SO-505  Critical Issues in Crime and Delinquency**  
Credits: 3  
Course Type(s): None  
An overview of some of the major problems confronting criminology and the criminal and juvenile justice systems. Current criminological literature and research will be evaluated in terms of its ability to suggest solutions to these problems.

---

**Professional Counseling**

Chair: David Burkholder, Department of Professional Counseling

**Master of Arts in Addiction Studies (M.A.)**

The Master of Arts in Addiction Studies is a thirty-three credit program designed to prepare students to work with individuals, groups, couples, and families impacted by various types of substance use and addictive disorders. The program is accredited by the National Addiction Studies Accreditation Committee (NASAC). Graduates are prepared to work within a variety of addiction treatment programs and agencies and eventually to practice privately. The Addiction Studies Track was developed to meet the educational requirements for the Licensed Clinical Alcohol and Drug Counselor (LCADC), which is a New Jersey state license. It is the student's responsibility to ensure acceptability by the licensing agency. Students must complete PC-505 Mental Health Counseling (3 cr.) during their first term of study.

**Professional Counseling Certificate**

The Graduate Certificate in Professional Counseling is an eighteen-credit program designed for students who are completing or have completed a CACREP-accredited master's degree in counseling and are in need of additional hours to complete the educational requirements of the Licensed Professional Counselor (LPC) licensure in New Jersey. Up to six credits may be waived if students have already completed PC-505 Mental Health Counseling (3 cr.) or EDC-505 Counseling and Ethical Practice (3 cr.) as well as PC-525 Theories of Counseling (3 cr.) or EDC-530 Counseling Theory and Practice (3 cr.) as part of their CACREP-accredited master's degree. The Graduate Certificate in Professional Counseling allows students to pattern their choice of free elective courses to complete courses with a common theme about specialized areas of counseling, like addictions counseling, counseling children and adolescents, couples and family counseling, etc.

**Master of Science in Clinical Mental Health Counseling (M.S.)**

The Master of Science in Mental Health Counseling is a sixty-credit program designed to provide students with the courses necessary to sit for licensing to engage in practice as a Professional Counselor. Graduates are prepared to work within mental health treatment agencies and eventually to practice privately. Courses are designed to satisfy criteria prescribed by the New Jersey State Board of Professional Counselor Examiners. In addition, because this sixty-credit degree is a CACREP-accredited program in Clinical Mental Health Counseling, it may satisfy the educational requirements for counselor licensure in other states. However, it is the student's responsibility to ensure acceptability by any licensing agency. PC-505 Mental Health Counseling (3 cr.) must be taken during the first term of study.

**Programs**

**Masters**

- M.A. in Addiction Studies (p. 95)
- M.S. in Clinical Mental Health Counseling (p. 95)

**Certificate**

- Graduate Certificate in Professional Counseling (p. 96)
Faculty

Charles Branch, Assistant Professor (Graduate Faculty). B.S., University of West Alabama; M.A., University of Alabama at Birmingham; Ph.D., Auburn University. Focused on African American male experiences, mentoring, multicultural issues, and increasing the practice of self-care for helping professionals. cbranch@monmouth.edu

David Burkholder, Associate Professor and Chair (Graduate Faculty). B.S., Geneva College; M.Ed., Ohio University; Ph.D., Kent State University. Specialization in mental health counseling with children and adolescents. Areas of interest include career counseling, student retention, spirituality, legal and ethical issues in therapy, and multicultural issues. dburkhol@monmouth.edu

Jessica Reno Burkholder, Associate Professor (Graduate Faculty). B.S., Miami University, M.A., Denver Seminary; Ph.D., Kent State University. A licensed professional counselor in New Jersey. Dr. Reno Burkholder’s research interests focus on the ethical development and multicultural training of counselors. Clinically, she has specialized in the treatment of adolescent sexual behavior problems, trauma, and mood and anxiety disorders in children and adolescents. jburkhol@monmouth.edu

Alan Cavaiola, Professor and Addiction Studies Graduate Program Director (Graduate Faculty). B.A., Monmouth University (Monmouth College); M.A., Fairleigh Dickinson University; Ph.D., Hofstra University. Specialization in the area of counseling issues related to mental health and alcoholism, substance abuse, and other addictive behaviors, and their impact on individuals, couples, and families. Teaching, research, and counseling interests focus on crisis intervention, sequelae of trauma, personality disorders, DUI offenders, workplace dynamics, and workplace stresses. acavaiol@monmouth.edu

Megan Delaney, Assistant Professor (Graduate Faculty). Ph.D., Montclair State University. Research explores the influence of natural world on mental health and the use of ecotherapy in everyday clinical practice. Her other research interests include feminism and relational-cultural therapy and grant writing competencies in counselors and counselor educators. Dr. Delaney worked for over ten years as the Grants Coordinator for the College of Education and Human Services at Montclair State University where she helped faculty and staff submit over $150 million in grant proposals to federal, state agencies, foundations and corporations. mdelaney@monmouth.edu

David Ford, Assistant Professor (Graduate Faculty). B.A., M.A., Wake Forest University; Ph.D., Old Dominion University. Professional interests are Black Greek life; multicultural issues; college students; African American males in higher education; career counseling; addictions counseling; supervision; group work; qualitative research; the LGBTQ/QA community; Intersectionality; and persons living with HIV/AIDS. dford@monmouth.edu

Joanne Jodry, Assistant Professor and Mental Health Counseling Program Director (Graduate Faculty). M.A., Monmouth University; Ed.D., Argosy University; D.M.H., Drew University. Specializations in professional mental health counseling with primary clinical interests in women’s issues throughout the life span, life crisis, and existential issues. Areas of research interest include the interplay of counseling and religion (through a world religion perspective); the impact of therapeutic relationships on the counselor; and integrating feminist concepts into counseling. jjodry@monmouth.edu

Sarah Springer, Assistant Professor (Graduate Faculty). BA, Mason Gross School of Arts; MA, Columbia University, PhD, Montclair State University. A Licensed Professional counselor (LPC) and Approved Clinical Supervisor (ACS) in New Jersey. Dr. Springer specialized in counselor development, group counseling, supervision, and counseling in the schools. sspringe@monmouth.edu

Courses

PC-CPE  Professional Counseling Comprehensive Examination
Credits: None
Prerequisite(s): Forty-eight credits in Professional Counseling including PC-505, PC-506, PC-512, PC-515, PC-523, PC-525, PC-529, PC-550, PC-570, PC-595, and PC-603
Co-requisite(s): PC-680
Term Offered: All Terms
Course Type(s): None
This is the Counselor Preparation Comprehensive Examination required to graduate from the Professional Counseling Program. Must be taken during the final term of study in the MS in Clinical Mental Health Counseling Program. Limited to Professional Counseling majors. This is a pass/fail course.

PC-502  Ecotherapy: Counseling and the Natural World
Credits: 3
Term Offered: Fall Term
Course Type(s): None
Ecotherapy is defined as contact with nature as a method or element of counseling and addresses the critical fact that as humans we are interwoven with the natural world. Ecotherapists seek to develop and understand ways of expanding the emotional connection between clients and the natural world within the counseling context, thereby assisting individuals with developing sustainable lifestyles and remedying alienation from nature. Ecotherapy includes a wide range of techniques such as wilderness therapy, forest bathing, equine therapy, animal-assisted therapy, horticultural therapy, biophilic design and green therapy. Students in this course will obtain a firm understanding of the theoretical constructs of Ecosychology, demonstrate a model of EcoWellness, and obtain applicable skills in Ecotherapy.

PC-505  Mental Health Counseling
Credits: 3
Term Offered: All Terms
Course Type(s): None
An overview of the profession of counseling, its ethical standards, literature, professional organizations, and the knowledge, skills and abilities required for success in the field. Assists students in formulating a concept of the profession that will allow them to enhance their growth and professional identity as a counselor. In addition, the opportunity for students to become aware of counseling career opportunities in the region is provided. Must be taken during the first term of study in the MS in Mental Health Counseling and the MA in Professional Counseling. Limited to Professional Counseling majors.

PC-506  Testing and Assessment in Counseling
Credits: 3
Term Offered: All Terms
Course Type(s): None
An overview of test administration and validity. Students will be introduced to tests of intelligence, personality and interests. Limited to Professional Counseling majors.
PC-510 Community Mental Health
Term Offered: All Terms
Course Type(s): None
An overview of mental health counseling within community and health/human services settings. Reviews prevention, intervention, and needs assessment, as well as program implementation and evaluation, in a comprehensive way. Client advocacy, governmental policies, obtaining funding, and other aspects of the delivery of human services are explored, with particular focus on the management and ethical standards of all administrative and clinical counseling services related to mental health programs. Limited to Professional Counseling majors.

PC-512 Psychopathology
Term Offered: All Terms
Course Type(s): None
Offers an intensive investigation of current thinking regarding the etiology and development of aberrant behavior; theory in the light of experimental findings and clinical applications. Limited to Professional Counseling majors.

PC-515 Human Development through the Life Span
Term Offered: All Terms
Course Type(s): None
Provides students with an overview of human development, with comprehensive coverage of all major developmental stages ( prenatal period and infancy, childhood, adolescence, early adulthood, middle adulthood, and late adulthood) and focuses on both normal and abnormal physical, mental health and social development. Emphasis on the interaction of biological, psychological and sociological forces that influence development. Limited to Professional Counseling majors.

PC-516 Counseling and Sexuality
Term Offered: Spring Term
Course Type(s): None
Introduction to human sexuality and related issues that counselors may encounter in their work. Students will learn about normal and abnormal sexual functioning. Aims to desensitize students and provide introspection about diverse expression of sexuality; not designed to train students as sex therapists.

PC-517 Counseling and Religion
Term Offered: All Terms
Course Type(s): None
Counseling and Religion will explore the world religions with a focus on the religions as they function in the U.S. in a multi-cultural context. This will give the student a basic understanding and respect for religious differences when counseling clients who have different religious values than the counselor. A historical perspective on the relationship between psychology and religion will be traced to contemporary practice. The student will be given the opportunity to develop a theory of how he or she would like to integrate his or her knowledge into his or her work as a counselor. Limited to Professional Counseling majors.

PC-521 Spirituality and Counseling
Course Type(s): None
Students are given a basic understanding of philosophical and practical ways to integrate existential, mystical, or other inexplicable issues into the counseling process. The student will look at different spiritual practices with a respectful, multicultural lens. Spiritual practices will be viewed as possible psychological techniques, pathologizing and/or cognitive distortions. The student will be given the opportunity to develop a personal spiritual theory of how he or she would like to integrate or not integrate, spirituality into his or her work as a counselor. Limited to Professional Counseling majors.

PC-522 Self-Exploration: Body, Mind, Spirit
Term Offered: All Terms
Course Type(s): None
This experiential course will take the student through a self-exploration that will allow the student to explore the motivation, unconscious drives, anxieties, and spiritual and existential meaning that led him or her to be a counselor. It will explore many aspects of the personality, such as need for power/control and compassion, which will allow the student to become more fully aware. Limited to Professional Counseling majors.

PC-523 Introduction to Counseling Skills
Term Offered: All Terms
Course Type(s): None
Designed for students to learn and practice interviewing and counseling skills, the intake interview process, suicide assessment, and how to conduct a mental status examination. Self-exploration and counselor self-development will also be addressed. Students who receive a grade below "B" must repeat the course.

PC-524 Counseling Children and Adolescents: Theories and Techniques
Term Offered: All Terms
Course Type(s): None
An exploration of psychotherapeutic counseling theories and techniques used with children and adolescents within the developmental psychopathological framework. Focus on applications in counseling agencies as well as residential and educational settings. Limited to Professional Counseling majors.

PC-525 Theories of Counseling
Term Offered: All Terms
Course Type(s): None
Upon completion of this course, students shall be able to demonstrate an understanding of core theoretical knowledge in counseling theories that provide the student with consistent models to conceptualize client presentations. Student experiences shall include an examination of the historical development of counseling theories. The course shall include an exploration of affective, behavioral, and cognitive theories. Students will also be exposed to models of counseling that are consistent with current professional research and practice in the field so that they can begin to develop a personal model of counseling. Limited to Professional Counseling majors.

PC-526 Case Conceptualization
Prerequisite(s): PC-505, PC-512, PC-523, and PC-525
Term Offered: All Terms
Course Type(s): None
Allows students to put into practice all aspects of case conceptualization. Students will enter this class with the basic understanding of counseling theories, assessment, and psychopathology. Techniques and approaches for chosen theories, basic skills, and differential diagnosis will be reviewed and practiced. Students will develop an approach or style, based on known theory and technique. They will be able to identify how and why an intervention is chosen according to theory and knowledge in the field. Limited to Professional Counseling majors.

PC-528 Family Counseling: Theory and Technique
Prerequisite(s): PC-525
Course Type(s): None
Enables students to examine the historical development, theoretical foundations, and contemporary conceptual directions in the field of family counseling. Clinical concerns are interwoven with theoretical literature and counseling techniques. Limited to Professional Counseling majors.
PC-529  Multicultural Counseling  Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines counseling theories and techniques as they relate to diversity in the client population. Limited to Professional Counseling majors.

PC-530  Crisis Intervention  Credits: 3
Term Offered: All Terms
Course Type(s): None
A review of crisis intervention theory and techniques, with a focus on the role of the counselor as part of the crisis intervention team. Students learn and practice counseling intervention skills for clients in crisis. Limited to Professional Counseling majors.

PC-532  Counseling for Grief and Loss  Credits: 3
Prerequisite(s): PC-525
Course Type(s): None
Reviews the relevant knowledge and skill base needed to counsel individuals and families coping with a range of loss experiences including death, dying and bereavement. The grief process and factors relevant to work with grieving children, adolescents and adults are covered, and the assessment of complicated grief reactions and counselor’s roles and tasks in facilitating the grief process are considered.

PC-533  Couples Counseling  Credits: 3
Prerequisite(s): PC-525
Course Type(s): None
Students are provided with an overview of the historical development, theoretical framework, and conceptual directions in the field of marriage and couples counseling. Also provides students with methods of marital/couples assessment and counseling techniques related to various clinical issues that are often encountered in counseling settings. Limited to Professional Counseling majors.

PC-534  Wellness and Counseling  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Exploration of the human condition from a strength-based wellness perspective, to further enhance counselor identity. Through self-exploration, hands-on experiences, and interactive discussions, students explore human motivation, unconscious drives, anxieties, aspects of personality, and spiritual and existential meaning within a wellness context. Allows students to become more aware of their own drives toward health and wellness and translate that understanding to the therapeutic relationship and counseling. Limited to Professional Counseling majors.

PC-535  Courageous Connections  Credits: 3
Course Type(s): None
An elective course designed to facilitate self-discovery, authenticity, and courageous dialogue in the classroom. Throughout the course, students will learn about research conducted by Dr. Brené Brown and consider its application to various client populations. Students are expected to continue to examine their own values and remain open to giving and receiving feedback to peers. Assignments will include a group facilitation experience, reflective journaling activities, and a research paper in which students will apply the concepts of Dr. Brown’s research to a population of professional interest.

PC-540  Introduction to Alcohol and Drug Abuse  Credits: 3
Term Offered: All Terms
Course Type(s): None

PC-542  Treatment of Alcohol and Drug Abuse  Credits: 3
Prerequisite(s): PC-540
Term Offered: All Terms
Course Type(s): None
An examination of various treatment models within the alcohol and drug treatment field. The basics of individual, group, family, and couples counseling with alcoholic and addicted patients. Provides specific counseling techniques. This course can be used toward the Substance Awareness Coordinator Certificate.

PC-544  Advanced Alcohol and Drug Counseling  Credits: 3
Prerequisite(s): PC-540 and PC-542
Term Offered: All Terms
Course Type(s): None
Covers advanced topics that are introduced in PC-542 and is therefore dedicated to addiction counselor skill building. Advanced topics include skill building in areas of counselor ethics, motivational interviewing and motivational enhancement skills, group counseling skills, community and professional skills, counseling skills needed to work effectively with individuals impacted by HIV/AIDS, and counseling skills needed to work with those impacted by gambling addictions and clinical supervision skills. Limited to Professional Counseling majors.

PC-545  Biological Foundations and Treatments of Psychological and Addictive Disorders  Credits: 3
Prerequisite(s): PC-512
Term Offered: All Terms
Course Type(s): None

PC-546  Substance Awareness in the Schools  Credits: 3
Prerequisite(s): PC-540
Term Offered: All Terms
Course Type(s): None
A comprehensive study of the role of the Substance Awareness Coordinator in the schools K-12. The areas that will be included for study will be a review of research-based awareness and prevention programs as related to Alcohol, Tobacco, and Other Drug (ATOD) as seen in the school systems. School law, regulations, and policies, as it relates to substance abuse in the schools, as well as how well/consistent it is followed based on the school culture and the dynamics in a particular district. Prevention and advocacy will be emphasized as a large part of the SAC position, as well as learning to work within the school culture. Curriculum planning and staff education and development in chemical health will be an essential part of the course. Negotiating the systems to maximize potential of the SAC position will be the main focus. Limited to Professional Counseling majors.
PC-550  Group Counseling  
**Prerequisite(s):** PC-505 and PC-523  
**Term Offered:** All Terms  
**Course Type(s):** None  
Didactic and experiential course that introduces students to group dynamics and theories/techniques of group counseling. Didactic component reviews, group counseling theories/techniques, stages in group development, and salient characteristics of effective group facilitators. Experiential component facilitates understanding of one's own personality, biases and impact upon others in professional interactions. Legal and ethical issues relevant to group counseling are also examined. Limited to Professional Counseling majors.

PC-570  Career Counseling  
**Term Offered:** All Terms  
**Course Type(s):** None  
The psychology of careers and career counseling is a cornerstone of the counseling profession and forms the historical basis of the profession's emphasis on normal development, decision-making, and assessment. Career theories, life-span development, and assessment instruments used in career counseling are reviewed. Recognizing the particular career issues of minorities and women, attention will be afforded to such trans-cultural issues. Limited to Professional Counseling majors.

PC-580  Animal Assisted Therapy  
**Term Offered:** All Terms  
**Course Type(s):** None  
An overview of Animal-Assisted Therapy (AAT), and its relevance as an alternative treatment modality for common psychological disorders. Information regarding the history and evolution of animal-assisted therapy in counseling, common therapeutic animals and techniques, ethical concerns when working with animals in therapy, and working with therapy animals with special populations.

PC-595  Professional Counseling Practicum  
**Prerequisite(s):** Successful completion with a grade of C+ or higher in Professional Counseling 505, 512, 525, 540, 550, and a B in 523. or higher  
**Term Offered:** All Terms  
**Course Type(s):** None  
Students integrate theory and practice in the counseling profession through an off-campus practicum. In addition to the requirement of 100 hours of supervised field service in an approved counseling agency, students also attend class each week which consists of group supervision. During class the students also review relevant professional, ethical and legal issues in counseling (for example assessment procedures, treatment planning, best empirically proven interventions, confidentiality, etc.) Limited to Professional Counseling majors who have completed at least twenty-seven graduate credits. Registration is by special application, requiring the signature of the advisor and the Field Placement Coordinator.

PC-598  Special Topics in Professional Counseling  
**Term Offered:** All Terms  
**Course Type(s):** None  
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Limited to Professional Counseling majors only. If a prerequisite is required it will be announced in the course schedule.

PC-599  Independent Study in Professional Counseling  
**Credits:** 1-3  
**Course Type(s):** None  
Reading and research leading to significant written work under the direction of a faculty member. Limited to Professional Counseling majors only. Prior permission of the directing professor and department chair is required to take this course.

PC-603  Research Methods in Counseling  
**Term Offered:** All Terms  
**Course Type(s):** None  
Reviewing the literature, problem hypothesis research, naturalistic observation, survey and interview procedures, and experimental methods are discussed. Limited to Professional Counseling majors.

PC-670  Clinical Supervision  
**Prerequisite(s):** PC-680  
**Term Offered:** All Terms  
**Course Type(s):** None  
This course will provide students with theoretical and practical knowledge of clinical supervision models and methods. This course will explore supervisory roles, evaluation methods, research, legal and ethical issues and sociocultural issues in supervision. A portion of the course will involve providing supervision to practicum students. Supervision sessions will involve direct observation and/or recording and feedback on development of supervision competencies. The content areas required for the Approved Clinical Supervisor (ACS) credential are included in this course.

PC-672  Advanced Theory in Play Therapy  
**Term Offered:** All Terms  
**Course Type(s):** OL  
Provides an in-depth understanding of the history and theories of play therapy. Emphasis is placed on the understanding of the roles of therapists and parents through the play process. Diversity and multicultural considerations for theoretical perspectives are highlighted.

PC-673  Advanced Techniques in Play Therapy  
**Term Offered:** All Terms  
**Course Type(s):** HY  
Provides students with the opportunity to develop techniques and methods of play therapy. Emphasis is placed on working with children, adolescents, and adults through individual, group, and family play therapy. Major topics include group play therapy, family play therapy, short-term play therapy, and sand tray/sand play therapy. Additionally, diversity and multicultural considerations are highlighted.

PC-674  Play Therapy for Children at Risk  
**Term Offered:** All Terms  
**Course Type(s):** OL  
Focus is on play therapy with vulnerable and high-risk children. Emphasis on working with children, adolescents, and adults using play therapy in trauma and crisis situations are highlighted. Special attention is given to social issues that can lead to or exacerbate trauma or crisis.
PC-675  Play Therapy Practicum Seminar I  Credits: 3
Term Offered: Spring Term
Course Type(s): None
First of a two-course sequence focusing on the application of the play therapy theories and techniques. Students will acquire experience using play therapy theories and techniques that can be used toward the requirements for RPT certification. Students will process the clinical experience of play with children and adolescents, with a review of advanced skills, assessment, and treatment planning during both individual and group supervision in the university seminar through videotaped sessions and discussion. The therapeutic relationship is emphasized. Limited to Play Therapy (C.PSW.PT.) program majors. Students cannot enroll in SW-675 or PC-676 at the same time. Also listed as SW-675. Prior permission of the C.PSW.PT. Program Coordinator is required.

PC-676  Play Therapy Practicum Seminar II  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Second of a two-course sequence focusing on the application of the play therapy theories and techniques. Students will acquire experience using play therapy theories and techniques that can be used toward the requirements for RPT certification. Students will process the clinical experience of play with children and adolescents, with a review of advanced skills, assessment, and treatment planning during both individual and group supervision in the university seminar through videotaped sessions and discussion. Legal and ethical issues, transference/countertransference, and working with parents/caregivers are emphasized. Limited to Play Therapy (C.PSW.PT.) program majors. Students cannot enroll in SW-675 or PC-676 at the same time. Also listed as SW-675. Prior permission of the C.PSW.PT. Program Coordinator.

PC-680  Clinical Internship in Professional Counseling  Credits: 3
Prerequisite(s): PC-540, PC-595, the completion of thirty credits, and approval of the department
Term Offered: All Terms
Course Type(s): None
Designed to provide students intensive experience where they can integrate their academic learning during clinical experience. In addition to the requirement of 300 hours of supervised field service in an approved counseling agency, they also attend class each week. The weekly class consists of group supervision and a review of relevant professional, ethical and legal issues in counseling (for example assessment procedures, treatment planning, best empirically proven interventions, confidentiality, etc.). Limited to Professional Counseling Internship majors who have completed at least thirty graduate credits. This is a pass/fail course. Registration is by special application, requiring the signature of the advisor and the Field Placement Coordinator.

M.A. in Addiction Studies (AS.MA)

PC-544 Advanced Alcohol and Drug Counseling 3
PC-542 Treatment of Alcohol and Drug Abuse 3
PC-540 Introduction to Alcohol and Drug Abuse 3
PC-533 Couples Counseling 3
PC-532 Counseling for Grief and Loss 3
PC-528 Family Counseling: Theory and Technique 3
PC-525 Theories of Counseling 3
PC-523 Introduction to Counseling Skills 3
PC-520 Group Counseling 3
PC-512 Psychopathology 3
PC-505 Mental Health Counseling 3
PC-506 Testing and Assessment in Counseling 3
PC-503 Crisis Intervention 3
PC-501 Research Methods in Counseling 3
PC-595 Professional Counseling Practicum 3
PC-596 Substance Awareness in the Schools 3

Total Credits 33

Admission Requirements

1. Possession of a baccalaureate degree with a 3.0 overall GPA.
2. Two completed Monmouth University Professional Counseling recommendation forms.
3. Twelve credits in Psychology or closely related field (including courses in personality theory, statistics, abnormal psychology, and research methods).
4. Narrative (four to five pages, double spaced) in response to the questions outlined on the Admission Application Essay Form (https://www.monmouth.edu/uploadedFiles/Content/University/admission/graduate/PCEssay.pdf).
5. Participation in a group interview.

M.S. Clinical Mental Health Counseling (CMHC.MS)

PC-680 Clinical Internship in Professional Counseling 3
PC-544 Advanced Alcohol and Drug Counseling 3
PC-542 Treatment of Alcohol and Drug Abuse 3
PC-540 Introduction to Alcohol and Drug Abuse 3
PC-533 Couples Counseling 3
PC-532 Counseling for Grief and Loss 3
PC-528 Family Counseling: Theory and Technique 3
PC-525 Theories of Counseling 3
PC-523 Introduction to Counseling Skills 3
PC-520 Group Counseling 3
PC-512 Psychopathology 3
PC-505 Mental Health Counseling 3
PC-506 Testing and Assessment in Counseling 3
PC-503 Crisis Intervention 3
PC-501 Research Methods in Counseling 3
PC-595 Professional Counseling Practicum 3
PC-603 Research Methods in Counseling 3

Total Credits 60
**Admission Requirements**

1. Possession of a baccalaureate degree with a 3.0 overall GPA.
2. Two completed Monmouth University Professional Counseling recommendation forms.
3. Narrative (four to five pages, double spaced) in response to the questions outlined on the Admission Application Essay Form (https://www.monmouth.edu/uploadedFiles/Content/University/admission/graduate/PCEssay.pdf).
4. Participation in a group interview.

**Graduate Certificate Professional Counseling (PC.GR.C)**

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<th>Title</th>
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<td>Counseling and Ethical Practice</td>
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<td>PC-525</td>
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<td>or EDC-530</td>
<td>Counseling Theory and Practice</td>
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**Note:**

Students enrolled in the 60-credit Master of Science in Clinical Mental Health Counseling are not eligible for this certificate; completion of said degree will lead to LPC eligibility.

**Admission Requirements**

1. Possession of a baccalaureate degree.
2. Current enrollment in a CACREP-accredited Master’s program in Counseling or prior graduation from a CACREP-accredited Master’s program in Counseling.
3. Cumulative GPA of at least 3.0 in the CACREP-accredited Master’s degree in Counseling.
THE SCHOOL OF SCIENCE

Dean: Steven Bachrach, Ph.D.
Associate Dean: Catherine N. Duckett, Ph.D.
Assistant Dean: John A. Tiedemann, M.S.

Monmouth University's School of Science is a community of teacher-scholars actively fostering learning, quantitative reasoning, and scientific inquiry among its majors and among all students. A goal of the School is to lead in the innovative development and delivery of curricula and in providing creative solutions to problems that include significant technical components. Educational programs provide a student-centered learning environment that builds a foundation for lifelong learning, critical thinking, and collaborative, technical problem solving. Faculty scholarship interests include: original basic and applied research in a range of disciplines and scholarly work on science education and pedagogy. Undergraduate and graduate students are encouraged to participate in student-faculty collaborative research projects leading to the acquisition and dissemination of new knowledge in the sciences.

The School of Science offers:

Master's Degree Programs
- Computer Science (p. 98),
- Information Systems (p. 98), and
- Software Engineering (p. 98),

Undergraduate Degree Programs
- Biology (http://catalog.monmouth.edu/undergraduate-catalog/science/biology/),
- Chemistry (http://catalog.monmouth.edu/undergraduate-catalog/science/chemistry-physics/),
- Computer Science (http://catalog.monmouth.edu/undergraduate-catalog/science/computer-science-software-engineering/),
- Mathematics (http://catalog.monmouth.edu/undergraduate-catalog/science/mathematics/),
- Medical Laboratory Science (http://catalog.monmouth.edu/undergraduate-catalog/science/medical-laboratory-sciences-clinical-laboratory-sciences/),
- Clinical Laboratory Sciences (http://catalog.monmouth.edu/undergraduate-catalog/science/medical-laboratory-sciences-clinical-laboratory-sciences/),
- Software Engineering (http://catalog.monmouth.edu/undergraduate-catalog/science/computer-science-software-engineering/)

Undergraduate Certificates
- Information Technology (http://catalog.monmouth.edu/undergraduate-catalog/science/computer-science-software-engineering/information-technology-certificate/)

Minors
- Biology (http://catalog.monmouth.edu/undergraduate-catalog/science/biology/biology-minor/),
- Chemistry (http://catalog.monmouth.edu/undergraduate-catalog/science/chemistry-physics/chemistry-minor/),
- Computer Science (http://catalog.monmouth.edu/undergraduate-catalog/science/computer-science-software-engineering/computer-science-minor/),
- Environmental Biology (http://catalog.monmouth.edu/undergraduate-catalog/science/biology/environmental-biology-minor/),
- Global Sustainability (http://catalog.monmouth.edu/undergraduate-catalog/science/biology/global-sustainability-minor/),
- Information Technology (http://catalog.monmouth.edu/undergraduate-catalog/science/computer-science-software-engineering/information-technology-minor/),
- Mathematics (http://catalog.monmouth.edu/undergraduate-catalog/science/mathematics/mathematics-minor/),
- Physics (http://catalog.monmouth.edu/undergraduate-catalog/science/physics/physics-minor/)

Concentrations
- Biochemistry (http://catalog.monmouth.edu/undergraduate-catalog/science/chemistry-physics/chemistry-bs-concentration-biochemistry/),

The undergraduate Bachelor of Science in Computer Science program is accredited by the Computing Accreditation Commission of ABET (http://www.abet.org). The undergraduate Bachelor of Science in Software Engineering program is accredited by the Engineering Accreditation Commission of ABET (http://www.abet.org). The Chemistry and Physics Department is approved by the American Chemical Society (ACS). All qualified advanced chemistry and biochemistry degree recipients may receive ACS certification of their degrees. All programs of study are directed toward preparing students for working and living in a multicultural, technologically complex, global environment.

Studies in the School of Science provide students with a solid background in the technical aspects of their chosen scientific or engineering field, sufficient to prepare them for further study in graduate or professional programs, or to compete for access to employment opportunities in industry or education. Core courses for the non-major stress the nature of the scientific enterprise and the benefits and risks that scientific advances present to society rather than the digestion of large doses of content from the discipline. Both major and non-major courses emphasize the importance of critical thinking and cooperative learning, clarify working to the scientific method in posing and answering questions concerning the natural world, and explore the nature of human problems for which technology may provide solutions.
Computer Science and Software Engineering

Chair: Daniela Rosca, Department of Computer Science and Software Engineering

UNIX Administrator and Teacher: Joseph Chung

Master of Science in Computer Science (M.S.C.S.)

The Master of Science in Computer Science provides a broad background in graduate-level computer science study. The thirty- to forty-two-credit program allows the student to choose a thesis option or a non-thesis option. Students may also choose to specialize in Computer Networks, Databases and Intelligent Information Systems, or Security of Computer Systems and Networks. When the applicant has a strong background in computer science, such as a bachelor's degree in computer science with excellent standing, up to twelve credits (CS-501B Program Development (3 cr.) CS-505 Operating Systems Concepts (3 cr.)) may be waived. Other majors may be required to take some or all of these courses. These foundation courses must be completed with a minimum GPA of 3.0, and all prerequisite courses must be passed with a grade of "B-" or better.

Master of Science in Data Science (M.S.D.S.)

The Master of Science in Data Science provides a nice complement to our current advanced degree programs, and offers an attractive option for students with or without a strong background in computer science to gain the skills to enter this highly attractive job market for data scientists/data analysts. The emphasis of this program is on projects that will provide students with experience in working with real-world data from a variety of different disciplines. Students will engage in three or four semester-long projects, working with external partners to address questions that can be answered with a variety of data science techniques. Students graduated from this program will be well positioned to compete in the marketplace for positions in a range of fields by having broad experience with many data analysis techniques and experience with data visualization and communication in both written and oral forms.

Master of Science in Information Systems (M.S.I.S.)

The M.S.I.S. is a unique degree program that educates students about how to apply computing technology to business programs. With courses offered through the School of Science and the Leon Hess Business School, the M.S.I.S. prepares students for employment in the Information Technology (IT) sector at a management level. The program benefits are:

- Focus on the technology or management side of information systems by choosing one of two distinct tracks;
- Become an effective team member, including teams that are international and geographically distributed;
- Excel at project management and management and improve business decision-making;
- Learn how to reconcile conflicting project objectives;
- Be eligible to apply for positions such as business systems analyst, software project manager, software requirements developer, information technology operations manager, and customer support specialist.

The M.S.I.S. also allows students to gain full and thorough training in information systems, which can be used as a basis for pursuing certifications such as the Certified Information Systems Security Professional (CISSP), Project Management Professional (PMP), and the Certified Software Development Professional (CSDP).

Master of Science in Software Engineering (M.S.S.E.)

Monmouth University was one of the first institutions in the United States to recognize the newly emerging discipline of Software Engineering by establishing a separate department to specialize in this strategic engineering discipline. The Department of Computer Science and Software Engineering offers a Master of Science Degree in Software Engineering.

The objective of the master's degree program is for the student to master the necessary skills and knowledge that allow him or her to become an effective member of a software development team. The program's educational objectives are to prepare students so that upon graduation they will:

1. Show mastery of the software engineering knowledge and skills and professional issues necessary to practice as a software engineer in a variety of application domains with demonstrated performance in at least one application domain;
2. Understand the relationship between software engineering and systems engineering and be able to apply systems engineering principles and practices in the engineering of software;
3. Show mastery of software engineering in at least one specialty, such as networked software systems, information systems, real-time systems, or software systems security;
4. Work effectively as part of a team, including teams that may be international and geographically distributed, to develop quality software artifacts, and to lead in one area of project development, such as project management, requirements analysis, architecture, construction, or quality assurance;
5. Reconcile conflicting project objectives, finding acceptable compromises within limitations of cost, time, knowledge, existing systems, and organizations;
6. Design appropriate software engineering solutions that address ethical, social, legal, and economic concerns;
7. Understand and appreciate the importance of feasibility analysis, negotiation, effective work habits, leadership, and good communication with stakeholders in a typical software development environment;
8. Learn new models, techniques, and technologies as they emerge, and appreciate the necessity of such continuing professional development;
9. Analyze a current significant software technology, be able to articulate its strengths and weaknesses, and be able to specify and promote improvements or extensions to that knowledge.

Classes are scheduled to support working professionals and many of our students are from New Jersey's premier software industries. The department offers the entire program at the main campus of Monmouth University. The Master of Science in Software Engineering degree is a thirty-credit curriculum, with four core courses, four advanced elective
courses, and a six-credit thesis or practicum. The core courses provide
the student with the foundations of modern software engineering. When
the applicant has a background other than computer science or software
ingeering, up to twelve credits of foundation courses may be required
before registering for the core courses. These foundation courses must
be passed with a grade of “B-” or better. Students can opt for writing a
thesis or participating in a group practicum for two semesters as their
capstone experience before graduation.

For students who have already completed a bachelor’s degree in software
engineering, the department offers an advanced track, which gives
students the opportunity to earn a master’s degree after completion of a
thirty-credit curriculum. In addition, students may choose between two
paths within this track, the thesis or non-thesis option. If students choose
the thesis option, they will complete the core courses, research and write
a thesis over two semesters, and choose and complete two pairs of
advanced elective courses. Students who choose the non-thesis option
will complete the core courses and choose three pairs of advanced
elective courses. Finally, all students will take one advanced
elective course from the list of non-paired courses.

Programs

Masters

- M.S. in Computer Science, Thesis Track (p. 112)
- M.S. in Computer Science, Non-Thesis Track (p. 111)
- M.S. in Computer Science, Computer Networks, Thesis Track
  (p. 110)
- M.S. in Computer Science, Computer Networks, Non-Thesis Track
  (p. 109)
- M.S. in Computer Science, Databases and Intelligent Information
  Systems, Thesis Track (p. 111)
- M.S. in Computer Science, Databases and Intelligent Information
  Systems, Non-Thesis Track (p. 110)
- M.S. in Computer Science, Security of Computer Systems and
  Networks, Thesis Track (p. 112)
- M.S. in Computer Science, Security of Computer Systems and
  Networks, Non-Thesis Track (p. 111)
- M.S. in Data Science (p. 113)
- M.S. in Information Systems, Management Track, Thesis Track
  (p. 116)
- M.S. in Information Systems, Management Track, Non-Thesis Track
  (p. 115)
- M.S. in Information Systems, Technology Track, Thesis Track
  (p. 117)
- M.S. in Information Systems, Technology Track, Non-Thesis Track
  (p. 117)
- M.S. in Software Engineering, Thesis Track (p. 115)
- M.S. in Software Engineering, Non-Thesis Track (p. 114)
- M.S. in Software Engineering, Advanced Thesis Track (p. 114)
- M.S. in Software Engineering, Advanced Non-Thesis Track (p. 113)

Faculty

Henry Han, Associate Professor (Graduate Faculty). Ph.D., University
of Iowa. Interests include data analytics/science, big data, health
informatics, bioinformatics, and cybersecurity.
hhenry@monmouth.edu

Samer Khamaiseh, Assistant Professor (Graduate Faculty). M.S., Ph.D.
Boise State University. Interests include software-defined networking
(SDN), machine learning, intrusion detection systems, access control,
software security, network security.
skhamais@monmouth.edu

Daniela Rosca, Associate Professor and Chair (Graduate Faculty). M.S.,
Polytechnic University of Bucharest; Ph.D., Old Dominion University.
Interests include requirements elicitation, analysis and specification,
and methodologies for the development and use of business rules.
drosca@monmouth.edu

Richard Scherl, Associate Professor (Graduate Faculty). B.A., Columbia
University; M.A., University of Chicago; Ph.D., University of Illinois.
Interests include artificial intelligence (especially knowledge
representation, automated reasoning and natural language
processing), cognitive science, and databases.
scherl@monmouth.edu

Jiacun Wang, Professor and Graduate Program Director (Graduate
Faculty). B.S., Jiangsu University of Science and Technology; Ph.D.,
Nanjing University of Science and Technology, China. Interests
include software architecture, Petri nets, real-time systems, discrete
event systems, telecommunications, and networking.
jwang@monmouth.edu

Cui Yu, Associate Professor (Graduate Faculty). B.S., Nanjing University
of Aeronautics and Astronautics; Ph.D., University of Singapore,
Singapore. Interests include database management systems, spatial
databases, and information storage and retrieval.
cyu@monmouth.edu

Ling Zheng, Assistant Professor (Graduate Faculty). B.S., Southern
Medical University, Guangzhou, China; M.S., Zhejiang University,
Hangzhou, China; Ph.D., New Jersey Institute of Technology.
Healthcare information systems, translational bioinformatics,
biomedical ontologies/terminologies, and biomedical knowledge
representation and discovery.
lzheng@monmouth.edu

Courses

CS-501A Computer Programming Essentials Credits: 3
Term Offered: All Terms
Course Type(s): TPS
An introduction in computer programming for newly admitted graduate
students. Students will learn basic concepts in modern computer
programming. Students will complete all the programming exercises and
assignments in the modern object-oriented language.

CS-501B Program Development Credits: 3
Prerequisite(s): CS-501A passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): None
Continuation at the coverage of the same modern object-oriented
language introduced in CS-501A. More advanced object-oriented design,
including inheritance and polymorphism.
**CS-502  Theoretical Foundations of Computer Science**  
Term Offered: All Terms  
Course Type(s): None  
Concepts, methods, models, and associated computer exercises for important topics in discrete mathematics and probability. Includes: logic and mathematical reasoning, functions, sets, summations, asymptotic notation, algorithms and complexity, number theory, cryptography, matrix algebra, induction and recursion, counting techniques, combinatorial objects, discrete structures, discrete probability theory, relations, graph theory, moments, random variables, and graph algorithms. Limited to Computer Science majors.

**CS-503  Data Structures and Algorithms**  
Prerequisite(s): CS-501B passed with a grade of B- or higher  
Term Offered: All Terms  
Course Type(s): None  
Design and implementation of fundamental data structures and algorithms, including: linked lists, hashing, sorting, trees, stacks, queues, sets and bags, and recursion. Application to problem solving and object-oriented design of moderate-sized programs.

**CS-505  Operating Systems Concepts**  
Prerequisite(s): CS-503 passed with a grade of B- or higher  
Term Offered: All Terms  
Course Type(s): None  
The basic concepts of operating systems from the point of view of an advanced user: the interaction of the kernel, the command interpreter, and user processes. Focus is on process and resource management, concurrency control, and inter-process communication. Examples and projects are based mainly on Unix. The course also includes an introduction to computer architecture from an operating-systems perspective (processors, devices, interrupts, clocks, etc.).

**CS-509  Advanced Object-Oriented Programming and Design**  
Prerequisite(s): CS-501B passed with a grade of B- or higher  
Term Offered: Spring Term  
Course Type(s): None  
Object-oriented programming and design, using a language different from that used in CS 501B. Used in classes, inheritance, polymorphism, and libraries.

**CS-512  Algorithm Design**  
Prerequisite(s): CS-502 and CS-503 both passed with a grade of B- or higher  
Term Offered: Spring Term  
Course Type(s): CISEL  
Design and analysis of algorithms; dependence of algorithm efficiency on data structure choice; correctness of algorithm implementation and basic design techniques and their applications to programming with fundamental data structures.

**CS-514  Networks**  
Term Offered: All Terms  
Course Type(s): CISEL  
An introductory-level course on the hierarchy of networking software and hardware. Particular emphasis on medium Access Control, Network layer, Transport layer, and Session layer. Several MAC-layer protocols, TCP/IP. Also listed as MIS-514.

**CS-517  Database Design and Management**  
Prerequisite(s): CS-503 passed with a grade of B or higher  
Term Offered: All Terms  
Course Type(s): CISEL  
Introduction to database systems, data modeling, design theory and methodologies, query languages and query processing. Coverage of relational database model and design, normalization process, SQL, hands-on database design and application development. Also listed as MIS-517.

**CS-518  Fundamentals of Computer Security and Cryptography**  
Prerequisite(s): CS-514 or MIS-514 passed with a grade of B- or higher  
Term Offered: Fall Term  
Course Type(s): CISEL  
An introduction to computer security and its related issues, including cryptography. It covers threats assessment, security policies, basic cryptography, security mechanisms, and assurance. Also includes several case studies on enhancing the security level of specific systems by integrating different security mechanisms and techniques. Both theoretical and practical issues are addressed in the course. Students who successfully complete this course will be capable of assessing the threats, enhancing the security, and evaluating the assurance level of specific computer systems.

**CS-520  Introduction to Intelligent Systems**  
Prerequisite(s): CS-502 and CS-503 both passed with a grade of B- or higher  
Term Offered: All Terms  
Course Type(s): CISEL  
Introduction to methods and algorithms used to incorporate intelligence into computer programs. Topics include search techniques, representation and reasoning, and machine learning. Applications of these methods are stressed. Also covers implementation of some of the fundamental algorithms.

**CS-521  Artificial Intelligence**  
Prerequisite(s): CS-503 and CS-520 both passed with a grade of B- or higher  
Term Offered: Spring Term  
Course Type(s): None  
Basic and advanced methods in symbolic and quantitative artificial intelligence through Lisp programming techniques. Current issues concerning rule-based vs. statistical methods via applications.

**CS-522  Knowledge Fusion**  
Prerequisite(s): CS-517 or CS-520 passed with a grade of B- or higher  
Course Type(s): CISEL  
Coverage of the fundamental techniques for integrating information from heterogeneous sources to obtain actionable knowledge. The sources of information include databases, files, and Web pages. Covered techniques include both those based upon logic and also approaches based on probabilistic reasoning.

**CS-525  Simulation**  
Prerequisite(s): CS-502, CS-503, and CS-514 all passed with a grade of B- or higher  
Term Offered: Spring Term  
Course Type(s): None  
Formal models of discrete event systems, computer simulation of models, and analysis of simulation results. Discrete event simulation is applied to studying the performance of computer and communication systems. Object-oriented design and programming in C++.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-529</td>
<td>Web Services and .NET</td>
<td>3</td>
<td>CS-503 passed with a grade of B- or higher</td>
<td>Spring Term</td>
<td>CISEL</td>
<td>Introduction to Web services. Theoretical and practical coverage of client-server architecture, communication protocols, and messaging, including XML and SOAP transactions. .NET Framework architecture is used for the applications. We contrast with other platforms, e.g., Java-based Web services. Students implement Web services and simple clients on PCs or mobile devices.</td>
</tr>
<tr>
<td>CS-532</td>
<td>Compiler Design</td>
<td>3</td>
<td>CS-512 passed with a grade of B- or higher</td>
<td>Spring Term</td>
<td>CISEL</td>
<td>The major techniques used in compiler writing, lexical analysis, syntax analysis, storage management, error detection and recovery, and code generation. Tools for compiler writing (LEX, YACC, etc.).</td>
</tr>
<tr>
<td>CS-533</td>
<td>Database System Implementation</td>
<td>3</td>
<td>CS-502 and CS-503 both passed with a grade of B- or higher</td>
<td>Fall Term</td>
<td>CISEL</td>
<td>DBMS architecture, data storage and indexing, query processing and optimization, transaction management and recovery, and some issues related to advanced database applications.</td>
</tr>
<tr>
<td>CS-535</td>
<td>Telecommunications</td>
<td>3</td>
<td>CS-502, CS-505, and CS-514 all passed with a grade of B- or higher</td>
<td>Fall Term</td>
<td>CISEL</td>
<td>In-depth coverage of the lower layers of the network hierarchy: Physical layer, Data Link layer, Network layer, and Transport layer.</td>
</tr>
<tr>
<td>CS-536</td>
<td>File Management and Query Strategies</td>
<td>3</td>
<td>CS-503 passed with a grade of B or higher</td>
<td>Summer Term</td>
<td>CISEL</td>
<td>Addresses data storage and organization, file management principles, and query processing and applications. Students will gain hands-on experience in file processing and application development.</td>
</tr>
<tr>
<td>CS-550</td>
<td>Computer System Architecture</td>
<td>3</td>
<td>CS-502 and CS-503 both passed with a grade of B- or higher</td>
<td>Spring Term</td>
<td>CISEL</td>
<td>Computer system interconnection structures, central processing unit, control unit, microprogrammed control, memory organization, cache and virtual memory, computer arithmetic, RISC processors, introduction to parallel processing, and case studies.</td>
</tr>
<tr>
<td>CS-588</td>
<td>Computer Science Practice and Experiences</td>
<td>1</td>
<td>18 credits in Computer Science or Software Engineering</td>
<td>All Terms</td>
<td>None</td>
<td>Provides opportunity for Computer Science graduate students to obtain related experience in employment at a local company or institution with Monmouth University sponsorship. Available to Computer Science graduate students who have completed at least eighteen credit hours of graduate courses (500 level), with a minimum GPA of 3.00. Does not satisfy elective requirements. Students may take the course a maximum of two times. This is a pass/fail course. Departmental approval is required to take this course.</td>
</tr>
<tr>
<td>CS-598</td>
<td>Special Topics in Computer Science</td>
<td>3</td>
<td>CS-520 and CS-503 both passed with a grade of B- or higher</td>
<td>All Terms</td>
<td>CISEL</td>
<td>Independent study in a topic not substantially treated in a regular graduate course, for students with superior ability; weekly consultation. Prior permission of directing professor and the graduate program director is required to take this course. This course can only be taken once for credit. Completion of all foundation and core courses and a minimum G.P.A. of 3.50 is required to take this course.</td>
</tr>
<tr>
<td>CS-611</td>
<td>Secure Web Services Design</td>
<td>3</td>
<td>CS-501B passed with a grade of B- or higher</td>
<td>Spring Term</td>
<td>CISEL</td>
<td>Web applications present a complex set of security issues for architects, designers, and developers. The most secure and hack-resilient Web applications are those that have been built from the ground up with security in mind. This course focuses on principles of secure Web applications design. Topics include threats and counter measures, security in Web service frameworks, session control, access control, and data protection. Also listed as SE-611.</td>
</tr>
<tr>
<td>CS-612</td>
<td>Ethical Hacking</td>
<td>3</td>
<td>CS-518</td>
<td>Fall Term</td>
<td>CISEL</td>
<td>Introduce penetration testing methodologies and ethical hacking tools. Discuss the importance of protecting corporate and government data from cyber-attacks. Learn advanced computer security resources that address new vulnerabilities and innovative methods to protect networks.</td>
</tr>
<tr>
<td>CS-613</td>
<td>Digital Forensics</td>
<td>3</td>
<td>CS-518</td>
<td>Spring Term</td>
<td>CISEL</td>
<td>Introduce digital forensic fundamentals. Focus on discovering, authenticating, and analyzing digital evidence.</td>
</tr>
</tbody>
</table>
CS-618  Data Mining  Credits: 3
Prerequisite(s): CS-517 and CS-520 both passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
An introduction to the fundamental concepts, algorithms, and techniques of data mining. Topics include: data preprocessing, classification algorithms and techniques, anomaly detection, and the design of data warehousing and OLAP systems.

CS-620  Applied Machine Learning  Credits: 3
Prerequisite(s): CS-503
Term Offered: Spring Term
Course Type(s): CISEL
This course introduces basic and advanced machine learning techniques via various applications in finance, healthcare, image recognition and other fields. Topics include classification and regression supervised learning algorithms, unsupervised learning algorithms, and algorithm performance evaluation and validation.

CS-625  Internet Crawler  Credits: 3
Prerequisite(s): CS-529 passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
In-depth coverage of the crawler component of modern search engines. Examination of the architecture of crawlers; algorithms for visitation, retrieval and processing of Web pages, and link analysis (e.g., PageRank computation). Coverage of ethical and legal issues of customized Web robots. Students build automatic Internet crawlers.

CS-628  Security of E-Systems and Networks  Credits: 3
Prerequisite(s): CS-518 passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
The fundamental techniques in security of e-based Systems and Computer Networks. E-based systems are ubiquitous in the modern world with applications spanning e-commerce, e-government, e-services, Virtual Private Networks (VPNs), health care, and government organizations. Deals with the fundamental concepts and tools of security of e-based systems and computer networks and its range of applications. The topics to be covered include: authentication of users, system integrity, confidentiality of communication, availability of business service, non-repudiation of transactions, public key cryptosystems, authentication and digital signature, e-security tools such as Public Key Infrastructure (PKI) systems, biometric-based security systems, trust management systems in communication networks, intrusion detection systems, protecting against malware, and computer network security risk management. Intended for graduate students in computer science, software engineering, and electrical engineering who have some background in computer networks and fundamentals of computer security.

CS-635  Wireless Network Systems and Security  Credits: 3
Prerequisite(s): CS-514 passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
Fundamental techniques in the design, operation, performance evaluation, and security of wireless network systems. Among the topics covered are first, second, third, and fourth generation wireless systems, cellular wireless networks, medium access techniques, physical layer protocols (AMPS, IS-95, IS-136, GSM, GPRS, EDGE, WCDMA, cdma2000, etc.), fixed wireless systems, personal area networks (PANs) including Bluetooth and Home RF systems, wireless local area network (WLAN) technologies, architectures, protocols, and standards, and advanced topics. Security of WLANs, wireless sensor networks (WSNs), cellular systems, and Bluetooth and Home RF networks will be dealt with as well. Intended for graduate students in computer science, software engineering, and electrical engineering who have some background in computer networks.

CS-655  Cloud Computing - Concepts, Technology and Architecture  Credits: 3
Prerequisite(s): CS-503
Term Offered: Summer Term
Course Type(s): CISEL
This course will introduce students to proven and mature cloud computing technologies and practices into a series of well-defined concepts, models, and technology mechanisms and architectures. Case studies will be presented to applying the concepts to practical applications. Also listed as SE-655.

CS-661  Computer Science Advanced Project  Credits: 3
Term Offered: All Terms
Course Type(s): CISEL
A challenging project, such as the development of a large, complex program, done under the supervision of a faculty member.

CS-691  Computer Science Thesis I  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor. Provides students with an opportunity to do extended relevant research in collaboration with, or under the supervision of, a faculty member. Sequential registration of one or more credits is required until successful completion. (Minimum of six credits must be accumulated.) Completion of all foundation and core courses and departmental approval is required to take this course.

CS-692  Computer Science Thesis II  Credits: 3
Prerequisite(s): CS-691
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor. Provides students with an opportunity to do extended relevant research in collaboration with, or under the supervision of, a faculty member. Sequential registration of one or more credits is required until successful completion. (Minimum of six credits must be accumulated.)

CS-698  Advanced Special Topics  Credits: 3
Prerequisite(s): CS-503 passed with a grade of B- or higher or as announced in the course schedule
Course Type(s): CISEL
The advanced subject matter varies with the interest of the students and of the professor. The full syllabus for a specific offering will be filed with the STE and Graduate School Deans when it is scheduled. The exact nature of the topic covered in any given semester is indicated in the student’s transcript.
CS-699 Independent Study in Computer Science Credits: 3
Term Offered: All Terms
Course Type(s): CISEL
Independent study of a subject not substantially treated in a regular graduate course. Designed for students with superior abilities who, with guidance and direction from the supervising faculty member, can master a new subject. (Limited to students who have not yet taken CS-699.) A minimum G.P.A. of 3.50, completion of all foundation and core courses and departmental approval are required to take the course.

DS-501 Probability and Statistics for Data Science Credits: 3
Course Type(s): None
This course covers the process of statistical analysis from beginning to end. That process, in broad strokes, involves: posing a question, determining what experiments or observations might provide data for answering that question, developing data collection procedures, exploring and summarizing the resulting data, and deriving inferences from the data relevant to the original scientific question. Each of these steps involves one or more of the following topics that will be covered in this course: experimental design, descriptive statistics, probability models, inferential statistics, confidence intervals, hypothesis tests, and prediction. A special emphasis will be given to common pitfalls in statistical analyses in a data-science context, including common misinterpretations of statistical procedures, the confusion of association and causation, and the reproducibility crisis in science.

DS-502 Introduction to Computer Programming for Data Science I Credits: 3
Course Type(s): None
Introduction to the basic concepts of program development using Python; problem-solving methods and algorithm development; basic data types; language syntax; style and documentation; and coding and testing of programs.

DS-503 Introduction to Computer Programming for Data Science II Credits: 3
Prerequisite(s): DS-502
Course Type(s): None
This course introduces the most important data structures available in R and Python and their application to several real-world domains. Methodologies to import data from external sources (files, databases, on-line resources), to manipulate and transform data, and to save\export data to data repositories are described. The course also describes how to compute descriptive statistics and how to build charts for effective data visualization tasks. The students will become familiar in using R and Python data analysis libraries.

DS-504 Database Management Credits: 3
Course Type(s): None
Overview of database system concepts; data modeling; entity-relationship diagrams; relational database schema definition; database design; query languages; introduction to NoSQL and comparison between relational and non-relational databases; hands-on experience of SQL, Oracle, and NoSQL.

DS-510 Experimental Design and Casual Inference Credits: 3
Prerequisite(s): DS-501
Term Offered: Fall Term
Course Type(s): None
This course introduces a rigorous, statistical definition of a causal effect, and methods for inferring causal effects from both experimental and observational data. Case studies and projects will be used to introduce students to real-world applications of experimental design and causal inference. Topics include randomized experiments (A/B testing, and its generalizations), methods for subgroup analysis in randomized experiments, graphical models for reasoning about causality, and methods for deriving causal inferences from observational data with confounders. Practical considerations (statistical power, sample size determination, design and use of pilot studies, etc.) and common pitfalls of applying these methods to real-world data will be emphasized.

DS-515 Legal, Ethical and Privacy Issues in Data Science Credits: 1.5
Course Type(s): None
This course first introduces the foundations of ethics and then explores different topics related to the choices data scientists make at the different stages of the data analysis pipeline, from data collection, storage and usage to bias in analysis and data communication. Legislation and regulation of data science and the use of codes of ethics will also be introduced. Case studies will be heavily used to discuss various topics in different domains.

DS-520 Data Analytics: Concepts and Techniques Credits: 3
Prerequisite(s): DS-501, DS-502, and DS-504
Course Type(s): None
This course is designed to introduce students to the discipline of data analytics and teach them basic algorithms, methodologies and techniques for data analysis. The course introduces the main steps of a data analysis process, including data gathering and collection, exploratory data analysis, data mining algorithms and methodologies for evaluating results. The most important data mining techniques, i.e. classification, regression, association and clustering analysis, are introduced. The students will gain familiarity with R and Python data analysis libraries.

DS-525 Interactive Storytelling with Data Credits: 3
Course Type(s): IM, TPS, COPRM, CORTP
Designed to introduce students to the world of data journalism and teach them to tell interactive stories using raw data. We will start from asking what is data journalism and how we find stories in the data. Students will learn how to acquire data from the web, normalize the data into databases and finally use software to tell engaging, interactive stories with collected data. Students will also learn how to collect data from traditional sources that aren't necessarily found online. Students are expected to complete a data-driven journalism project as part of the course. Also offered as an undergraduate course, CO-492. Also listed as CO-592.
This course introduces the most important algorithms and frameworks for Big Data analysis. The course will introduce fundamentals concepts of Big Data, parallel and distributed data analysis models and the most important Big Data processing frameworks currently in use. Each topic will be illustrated by examples from a different application area. The students will become familiar in using Hadoop MapReduce and Spark, which have been emerging as the most important Big Data processing frameworks currently used in research and commercial tasks. Students are expected to complete a Big Data analysis project as part of the course.

This course introduces the roles and responsibilities of a data scientist working with teams of non-data scientists or non-technical clients, with an emphasis on verbal, non-verbal, and written communication between the data scientist and the client throughout the entire consulting process. The unique responsibilities of a data scientist in terms of accurately conveying the limitations of a data set and data analysis technique in the context of the client's original problem will be a central topic. The course will proceed through a series of case studies which will be used to practice interviewing, writing reports, and presenting results to a client.

This course provides students with a project to fully engage their data science skills. Projects will come from a real-world domain such as business applications (marketing, business analytics finance, insurance), health care analytics, bioinformatics, genomics, environmental analytics, social networks, data journalism, sports analytics, etc. Students will typically work with an external client to define the scope of the project, and then employ appropriate data science techniques to solve the established problems. The course will end with oral and written presentations of the project outcomes. This course is repeatable for credit.

This course introduces advanced algorithms, methodologies and techniques for data analysis, with specific focus on classification, regression, clustering and association analysis. Among the most relevant algorithms, the course will cover advanced techniques, such as, deep learning, sequential pattern analysis, mixture models and grid-based clustering algorithms. Several examples, based on real-world datasets, will illustrate a variety of practical domains in which such techniques are used. Students will develop their exercises using R and Python data analysis libraries. Students are expected to complete a data analysis project as part of the course.

This course introduces the most important algorithms and frameworks for Big Data analysis. The course will introduce fundamentals concepts of Big Data, parallel and distributed data analysis models and the most important Big Data processing frameworks currently in use. Each topic will be illustrated by examples from a different application area. The students will become familiar in using Hadoop MapReduce and Spark, which have been emerging as the most important Big Data processing frameworks currently used in research and commercial tasks. Students are expected to complete a Big Data analysis project as part of the course.

This course introduces the roles and responsibilities of a data scientist working with teams of non-data scientists or non-technical clients, with an emphasis on verbal, non-verbal, and written communication between the data scientist and the client throughout the entire consulting process. The unique responsibilities of a data scientist in terms of accurately conveying the limitations of a data set and data analysis technique in the context of the client's original problem will be a central topic. The course will proceed through a series of case studies which will be used to practice interviewing, writing reports, and presenting results to a client.

This course provides students with a project to fully engage their data science skills. Projects will come from a real-world domain such as business applications (marketing, business analytics finance, insurance), health care analytics, bioinformatics, genomics, environmental analytics, social networks, data journalism, sports analytics, etc. Students will typically work with an external client to define the scope of the project, and then employ appropriate data science techniques to solve the established problems. The course will end with oral and written presentations of the project outcomes. This course is repeatable for credit.

This course introduces advanced algorithms, methodologies and techniques for data analysis, with specific focus on classification, regression, clustering and association analysis. Among the most relevant algorithms, the course will cover advanced techniques, such as, deep learning, sequential pattern analysis, mixture models and grid-based clustering algorithms. Several examples, based on real-world datasets, will illustrate a variety of practical domains in which such techniques are used. Students will develop their exercises using R and Python data analysis libraries. Students are expected to complete a data analysis project as part of the course.
MIS-525 Information System Architecture Credits: 3
Prerequisite(s): MIS-565 or SE-565
Term Offered: All Terms
Course Type(s): None
Serves as an introduction to information systems architecture. The topics covered deal with an introduction to database systems, data models, the relational database model, the entity relation model, normalization, advanced data modeling, SQL, database design, transactions, performance, distributed database systems, and data warehouses. For MSIS students only. Also listed as SE-625.

MIS-550 Software Project Management Credits: 3
Prerequisite(s): SE-505
Term Offered: Fall Term
Course Type(s): None

MIS-551 Software Organization Management Credits: 3
Prerequisite(s): SE-505
Term Offered: Spring Term
Course Type(s): None
Management issues regarding the software process. Authority and delegation. Leadership and leadership paradigms. Software team management organization, staffing and evaluation. Organizational alternatives. Centralized vs. decentralized organizations. Managing design, development and testing teams. Managing software support organizations. Strategies for staffing: minimal vs. redundant staffing. Combining generalists and specialists to achieve an optimal staff configuration. Staff development and growth. Fostering professional growth within the organization. Evaluation strategies and techniques. Compensation and reward issues. For MSIS students only. Also listed as SE-651.

MIS-565 Software System Requirements Credits: 3
Prerequisite(s): CS-501A, SE-505, and SE-511
Term Offered: All Terms
Course Type(s): None
Students will learn advanced methods in software systems requirements. Ideally, these methods should be applied at the system, enterprise or global levels of software development. Methods in requirements elicitation, modeling of enterprises, prioritization and negotiation of requirements will be emphasized. Methods for including COTS into system applications and product families will be introduced. By the end of the course, students will master the standard documentation of system requirements. Many opportunities for hands-on experience with requirement tools will be provided throughout the course. For MSIS students only.
MIS-692  Management Information System Thesis II  
Credit: 3
Prerequisite(s): MIS-691
Term Offered: All Terms
Course Type(s): None
Second semester of independent research in management information systems, spanning a period of two consecutive semesters in an area not substantially covered in a regular course offering, under the supervision of a software engineering faculty member. A formal thesis is required. An oral defense of the thesis before a committee of two faculty members who teach MIS courses, plus the advising professor is required. Depending on the topic, a reviewer from outside the program faculty may be asked to serve as a committee member. For MSIS students only.

MIS-695A  Management Information System Practicum I  
Credit: 3
Prerequisite(s): BM-520 or MIS-623 and MIS-525 and MIS-565
Term Offered: All Terms
Course Type(s): None
A two-semester course sequence with major emphasis on a hands-on, team-oriented software development project. Students will be asked to form groups of three to five persons, which will work as a team whose purpose will be propose, plan, develop and market a software product. The teamwork exercise will be accompanied by readings, lectures and seminar discussions on economics, organizational behavior and management, managerial and financial accounting, finance, marketing, quantitative business modeling, electronic commerce, logistics, ethics, law and social responsibility. For MSIS students only.

MIS-695B  Management Information System Practicum II  
Credit: 3
Prerequisite(s): MIS-695A
Term Offered: All Terms
Course Type(s): None
A two-semester course sequence with major emphasis on a hands-on, team-oriented software development project. Students will be asked to form groups of three to five persons, which will work as a team whose purpose will be propose, plan, develop and market a software product. The teamwork exercise will be accompanied by readings, lectures and seminar discussions on economics, organizational behavior and management, managerial and financial accounting, finance, marketing, quantitative business modeling, electronic commerce, logistics, ethics, law and social responsibility. For MSIS students only.

MIS-699  Individual Research Project in Management Information Systems  
Credit: 1-3
Term Offered: Spring Term
Course Type(s): None
The development and execution of a significant research project designed by the student in consultation with a Management Information Systems professor. An experience meant to focus learning on an area of special interest to the student. Prior permission of the directing professor and department chair is required to take this course.

SE-505  Principles of Software Engineering  
Credit: 1.5
Term Offered: All Terms
Course Type(s): None
Basic introduction to software engineering. Justification that software engineering is an engineering discipline. The two main components of the software engineering discipline—the software product and software process—will be discussed in detail. For design and verification, there will be a focus on traditional Structured-Analysis method. Limited to Software Engineering students only.

SE-511  Object-Oriented Analysis  
Credit: 1.5
Prerequisite(s): SE-505 passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): CISEL
Introduces the development of the requirements and analysis model for a software application. Uses object-oriented methodologies. This is not a programming course. Limited to Software Engineering students only.

SE-512  Object-Oriented Design  
Credit: 1.5
Prerequisite(s): SE-511 passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): CISEL
Introduces the design of a software application. Uses object-oriented methodologies. This is not a programming course. Limited to Software Engineering majors only.

SE-517  Engineering Web-Based Systems  
Credit: 3
Prerequisite(s): CS-501A
Term Offered: All Terms
Course Type(s): None
A practical introduction to the principles, methods and tools required to create high-quality software applications for the distributed, client-server context of the Web. The course emphasizes on architectural designs, and language and data access methods that are common in web-based systems.

SE-556  Software System Requirements  
Credit: 3
Prerequisite(s): CS-501A, SE-505, and SE-511
Term Offered: All Terms
Course Type(s): CISEL
Students will learn advanced methods in software system requirements. Ideally, these methods should be applied at the system, enterprise or global levels of software development. Methods in requirements elicitation, modeling of enterprises, prioritization and negotiation of requirements will be emphasized. Methods for including Commercial Off-the Shelf (COTS) system applications and product families will be introduced. By the end of the course, students will master the standard documentation of system requirements. Many opportunities for hands-on experience with requirements tools will be provided throughout the course.

SE-571  Software Design and Systems Architecture  
Credit: 1.5
Prerequisite(s): SE-556
Term Offered: Spring Term
Course Type(s): CISEL
Introduces software application design and system architecture in terms of the design process, design principles, design notations, design tools, design heuristics, and design patterns. Covers application and system design in detail concentrating on developing designs that are complete, correct, robust, implementable, and deployable. Limited to Software Engineering students only.

SE-572  Enterprise and Global Architecture  
Credit: 1.5
Prerequisite(s): SE-571
Term Offered: All Terms
Course Type(s): CISEL
Introduces architectural design at the Enterprise and Global Architectural levels. Provides students with an understanding of how new systems are brought into an organization to interoperate with an existing system, how systems are maintained throughout their lifecycle, and how systems are retired at the end of their lifecycle. Also provides students with an understanding of how the computing capabilities of a company fits into the larger scope of the Internet. Limited to Software Engineering students only.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-575</td>
<td>Software Verification, Validation and Maintenance</td>
<td>3</td>
<td>All Terms</td>
<td>CS-501A and SE-505</td>
</tr>
<tr>
<td>SE-580</td>
<td>The Process of Engineering Software</td>
<td>3</td>
<td>Spring Term</td>
<td>CS-503 and SE-505</td>
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<tr>
<td>SE-588</td>
<td>Software Practice and Experience</td>
<td>1</td>
<td>All Terms</td>
<td>18 credits from Computer Science or Software Engineering</td>
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<td>SE-599</td>
<td>Independent Study in Software Engineering</td>
<td>1-3</td>
<td>All Terms</td>
<td>Completion of at least 12 credits in Software Engineering</td>
</tr>
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<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
<td>3</td>
<td>Spring Term</td>
<td>SE-565 and SE-571</td>
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<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
<td>3</td>
<td>Spring Term</td>
<td>SE-565 and SE-571</td>
</tr>
<tr>
<td>SE-603</td>
<td>MOST Implementation</td>
<td>3</td>
<td>Spring Term</td>
<td>SE-565 and SE-571</td>
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<tr>
<td>SE-610</td>
<td>Software Systems Security</td>
<td>3</td>
<td>All Terms</td>
<td>SE-505</td>
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<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
<td>3</td>
<td>Spring Term</td>
<td>SE-565</td>
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<tr>
<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
<td>3</td>
<td>Spring Term</td>
<td>SE-565</td>
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<td>SE-616</td>
<td>Extensible Markup Language (XML)</td>
<td>3</td>
<td>All Terms</td>
<td>CS-501B</td>
</tr>
<tr>
<td>SE-620</td>
<td>Networked Software Systems I</td>
<td>3</td>
<td>All Terms</td>
<td>SE-565 and SE-571</td>
</tr>
</tbody>
</table>

The basic components of a software process will be introduced, as well as the most influential process models. Students will experiment with both plan-based and agile methods of software development. The need for continuous process quality assessment and improvement will be described. Models such as CMM, ISO9001 will be introduced as reference models for organizations process models.

Students will learn how to define, apply and improve a software process. The development and execution of a significant research project designed by the student in consultation with a software engineering professor. This is an experience meant to focus learning on an area of special interest to the student. Prior permission of the directing professor and department chair is required to take this course.

A practical application of MOST concepts by following the process of adopting a new technology and putting the appropriate elements into an automated testing tool.

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A practical application of MOST concepts by following the process of adopting a new technology and putting the appropriate elements into an automated testing tool.
SE-621  Networked Software Systems II  
Prerequisite(s): SE-620  
Term Offered: Spring Term  
Course Type(s): None  
Distributed File Systems, Replication, Shared Data, Transactions,  
Distributed Operating Systems, Micro Kernels, Network Operating  
Systems, Computing Environments and Toolkits: ONC, DCE, ISIS,  
Languages.

Credits: 3

SE-623  Management Information Systems  
Term Offered: Fall Term  
Course Type(s): None  
A survey of the concepts of management information systems and the  
information needs of management. A user-oriented introduction of the  
fundamentals of information systems and their integration into business  
organizations. Also listed as MIS-623. Not open to students who have  
successfully completed BM-520.

Credits: 3

SE-625  Information Systems Architecture  
Prerequisite(s): SE-565 or MIS-565  
Term Offered: All Terms  
Course Type(s): None  
Theoretical and practical issues related to the modeling and design of  
information systems to support medium to large organizations. The  
Target Architecture and its roles in building enterprise-wide information  
systems. Operational, warehouse, departmental, and individual-level data.  
Data modeling levels and associated constructs: Entity-Relationship  
Diagrams, Data Item Sets, Physical Data Models. Process modeling levels  
and associated constructs: Functional decomposition, Context diagrams,  
Data Flow Diagrams, State transition Diagrams, HIPO charts, Pseudo-  
code and programming specs. Relationship with Object-based modeling.  
Also listed as MIS-525.

Credits: 3

SE-626  Information Systems Engineering  
Prerequisite(s): SE-625  
Term Offered: Spring Term  
Course Type(s): None  
Theoretical and practical issues related to the implementation of  
information systems to support medium to large organizations.  
Databases within the Target Architecture and their role in building  
enterprise-wide information systems. Logical vs. Physical database  
design. Transaction Processing (TPS) and Decision Support Systems  
Implementation issues; reliability, integrity, security, performance,  
scalability and maintainability. Review of existing commercial tools and  
environments for building, using and maintaining Information Systems  
for the enterprise.

Credits: 3

SE-640  Real-time Systems  
Prerequisite(s): CS-501B and SE-505  
Term Offered: Fall Term  
Course Type(s): CISEL  
Theoretical foundations and practical algorithms in the specification and  
validation of real-time systems and applications. Important topics include  
real-time system specification, scheduling, resource access control, real-  
time task assignment, and high-level system modeling and analysis.

Credits: 3

SE-641  Real-time Robot Control  
Prerequisite(s): SE-640  
Course Type(s): CISEL  
Fundamentals of real-time and embedded software technology. Inter-  
process communication and synchronization. Robot operating system.  
Modern robot programming toolkits. Robot movement control. Robot  
speech and vision recognition.

Credits: 3

SE-650  Software Project Management  
Prerequisite(s): SE-505  
Term Offered: Fall Term  
Course Type(s): None  
Project management techniques and their application to the  
management of software projects. How to develop a software  
development plan and its associated tasks, milestones and deliverables.  
Software project scheduling and the establishment of relationships  
among the different tasks. Tasks, dependencies and conflict resolution.  
Resource management and allocation. Software project cost estimation.  
Algorithmic models for estimating costs: the COCOMO model and  
its derivatives. Risk assessment and its impact in the planning and  
scheduling of software projects. Software project measurement and  
tracking. Comparative review of software tools for software project  
management. Software configuration management and its importance in  
the management of large software projects. Also listed as MIS-550. For  
Software Engineering students only.

Credits: 3

SE-651  Software Organization Management  
Prerequisite(s): SE-505  
Term Offered: Spring Term  
Course Type(s): None  
Management issues regarding the software process. Authority and  
delegation. Leadership and leadership paradigms. Software Team  
management: organization, staffing and valuation, organizational  
alternatives. Centralized vs. Decentralized organizations. Managing  
design, development and testing teams. Managing software support  
organizations. Strategies for staffing: minimal vs. redundant staffing.  
Combining generalists and specialists to achieve an optimal staff  
configuration. Staff development and growth. Fostering professional  
growth within the organization. Evaluation strategies and techniques.  
Compensation and reward issues. Also listed as MIS-551.

Credits: 3

Prerequisite(s): CS-503  
Term Offered: Summer Term  
Course Type(s): CISEL  
This course will introduce students to proven and mature cloud  
computing technologies and practices into a series of well-defined  
concepts, models, and technology mechanisms and architectures.  
Case studies will be presented to applying the concepts to practical  
applications. Also listed as CS-655.

Credits: 3

SE-691  Software Engineering Thesis Research  
Prerequisite(s): SE-565, SE-571, and SE-580  
Term Offered: All Terms  
Course Type(s): None  
Independent research in software engineering, spanning a period of two  
consecutive semesters in an area not substantially covered in a regular  
course offering, under the supervision of a software engineering faculty  
member. A formal thesis is required. An oral defense of the thesis before  
a committee of two faculty members, plus the advising professor is  
required. Depending on the topic, a reviewer from outside the software  
engineering department may be asked to serve as a committee member.  
Limited to Software Engineering majors.

Credits: 3
SE-692 Software Engineering Thesis Research
Term Offered: All Terms
Course Type(s): None
Credits: 3
Prerequisite(s): SE-691 and prior permission of the advising professor
Independent research in software engineering, spanning a period of two consecutive semesters in an area not substantially covered in a regular course offering, under the supervision of a software engineering faculty member. A formal thesis is required. An oral defense of the thesis before a committee of two faculty members, plus the advising professor is required. Depending on the topic, a reviewer from outside the software engineering department may be asked to serve as a committee member. Limited to Software Engineering majors.

SE-695A Software Engineering Practicum
Term Offered: All Terms
Course Type(s): None
Credits: 3
Prerequisite(s): SE-565, SE-571, and SE-580
A two-semester course sequence with major emphasis on hands-on, team-oriented large software development projects. Students will be asked to form groups of three to five persons, who will work as a software team whose purpose will be to develop a software product. The particular product will be chosen through negotiation with the instructor. Teams will operate in accordance with a well-defined set of policies and procedures (documented in an SE Handbook) that governs the entire development process. This documented process addresses work products, roles, activities, entry and exit criteria, reviews and audits, documented procedures, and training. The practicum will also include the use of a set of approved tools. Additional software project management topics such as planning, estimation, and tracking will be covered. Project management techniques and their application to the management of software projects. How to define a software development plan, its associated tasks, milestones, and deliverables. Software project scheduling and the establishment of relationships among the different tasks. Task dependencies and conflict resolution. Resource management and allocation. Software project cost estimation. Algorithmic models for estimating costs: the COCOMO model and its derivatives. Risk assessment and its impact in the planning and scheduling of software projects. Software project measurement and tracking. Comparative review of software tools for software project management. Software configuration management and its importance in the management of a large software project. Students will be asked to serve in team roles, hold oral reviews, and prepare documentation appropriate to their project. Students will participate in the reviews of other teams in the class. At the end of the second semester, each team will give a formal presentation on the project. Limited to Software Engineering majors.}

SE-695B Software Engineering Practicum
Term Offered: All Terms
Course Type(s): None
Credits: 3
Prerequisite(s): SE-695A
A two-semester course sequence with major emphasis on hands-on, team-oriented large software development projects. Students will be asked to form groups of three to five persons, who will work as a software team whose purpose will be to develop a software product. The particular product will be chosen through negotiation with the instructor. Teams will operate in accordance with a well-defined set of policies and procedures (documented in an SE Handbook) that governs the entire development process. This documented process addresses work products, roles, activities, entry and exit criteria, reviews and audits, documented procedures, and training. The practicum will also include the use of a set of approved tools. Additional software project management topics such as planning, estimation, and tracking will be covered. Project management techniques and their application to the management of software projects. How to define a software development plan, its associated tasks, milestones, and deliverables. Software project scheduling and the establishment of relationships among the different tasks. Task dependencies and conflict resolution. Resource management and allocation. Software project cost estimation. Algorithmic models for estimating costs: the COCOMO model and its derivatives. Risk assessment and its impact in the planning and scheduling of software projects. Software project measurement and tracking. Comparative review of software tools for software project management. Software configuration management and its importance in the management of a large software project. Students will be asked to serve in team roles, hold oral reviews, and prepare documentation appropriate to their project. Students will participate in the reviews of other teams in the class. At the end of the second semester, each team will give a formal presentation on the project. Limited to Software Engineering majors.

SE-698 Special Topics in Software Engineering
Term Offered: All Terms
Course Type(s): None
Credits: 3
The subject matter varies with the interest of the students and of the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student’s transcript. Approval of the department is required to take this course. If a prerequisite is required it will be announced in the course schedule.

SE-699 Individual Research Project in Software Engineering
Term Offered: All Terms
Course Type(s): None
Credits: 3
The development and execution of a significant research project designed by the student in consultation with a software engineering professor. An experience meant to focus learning on an area of special interest to the student. Prior permission of the directing professor and department chair is required to take this course.

M.S. in Computer Science, Computer Networks, Non-Thesis Track (CSCN.NTT.MS)

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>CS-501B</td>
<td>Program Development</td>
<td>3</td>
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<tr>
<td>CS-502</td>
<td>Theoretical Foundations of Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>CS-503</td>
<td>Data Structures and Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Credits</td>
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<tr>
<td>CS-505</td>
<td>Operating Systems Concepts</td>
<td>3</td>
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<tr>
<td><strong>Program Requirement (30 credits)</strong></td>
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<tr>
<td>CS-512</td>
<td>Algorithm Design</td>
<td>3</td>
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<tr>
<td>CS-514</td>
<td>Networks</td>
<td>3</td>
</tr>
<tr>
<td>CS-517</td>
<td>Database Design and Management</td>
<td>3</td>
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<tr>
<td>CS-520</td>
<td>Introduction to Intelligent Systems</td>
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<tr>
<td>CS-535</td>
<td>Telecommunications</td>
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<tr>
<td>CS-635</td>
<td>Wireless Network Systems and Security</td>
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<tr>
<td>CS-525</td>
<td>Simulation</td>
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<td>Total Credits</td>
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<td>42</td>
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1 Up to 12 credits may be waived upon evaluation or prior academic preparation

**Admission Requirements**

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 in the undergraduate major, preferably in the sciences or engineering.
2. Two letters of recommendation.
3. Two semesters of Calculus (I and II) with grades of "C" or better.
4. Two semesters of computer programming courses within the past five years (equivalent to Monmouth's CS-175 Introduction to Computer Science I (3 cr.), CS-175L Introduction to Computer Science I Lab (1 cr.) and CS-176 Introduction to Computer Science II (3 cr.), CS-176L Introduction to Computer Science II Lab (1 cr.) at a recognized institution with a grade of "B" or better. Applicants not meeting these requirements for programming experience may be required to take CS-501A Computer Programming Essentials (3 cr.) or its equivalent.

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**M.S. in Computer Science, Databases and Intelligent Information Systems, Non-Thesis Track (CSII.NTT.MS)**

<table>
<thead>
<tr>
<th>Code</th>
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<td><strong>Foundation Requirements (12 credits)</strong></td>
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<tr>
<td>CS-501B</td>
<td>Program Development</td>
<td>3</td>
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<tr>
<td>CS-502</td>
<td>Theoretical Foundations of Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>CS-503</td>
<td>Data Structures and Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>CS-505</td>
<td>Operating Systems Concepts</td>
<td>3</td>
</tr>
<tr>
<td><strong>Program Requirement (30 credits)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS-512</td>
<td>Algorithm Design</td>
<td>3</td>
</tr>
<tr>
<td>CS-514</td>
<td>Networks</td>
<td>3</td>
</tr>
<tr>
<td>CS-517</td>
<td>Database Design and Management</td>
<td>3</td>
</tr>
<tr>
<td>CS-520</td>
<td>Introduction to Intelligent Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS-635</td>
<td>Wireless Network Systems and Security</td>
<td>3</td>
</tr>
<tr>
<td>Select two of the following:</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>CS-521</td>
<td>Artificial Intelligence</td>
<td></td>
</tr>
<tr>
<td>CS-529</td>
<td>Web Services and .NET</td>
<td></td>
</tr>
<tr>
<td>CS-618</td>
<td>Data Mining</td>
<td></td>
</tr>
<tr>
<td>CS-625</td>
<td>Internet Crawler</td>
<td></td>
</tr>
<tr>
<td>Select 6 credits Designated with Course*Type CISEL</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Select 3 credits from 600+ level</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>42</td>
</tr>
</tbody>
</table>

1 Up to 12 credits may be waived upon evaluation or prior academic preparation

**Admission Requirements**

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 in the undergraduate major, preferably in the sciences or engineering.
2. Two letters of recommendation.
3. Two semesters of Calculus (I and II) with grades of "C" or better.
4. Two semesters of computer programming courses within the past five years (equivalent to Monmouth’s CS-175 Introduction to Computer Science I (3 cr.), CS-175L Introduction to Computer Science I lab (1 cr.) and CS-176 Introduction to Computer Science II (3 cr.), CS-176L Introduction to Computer Science II Lab (1 cr.)) at a recognized institution with a grade of “B” or better. Applicants not meeting these requirements for programming experience may be required to take CS-501A Computer Programming Essentials (3 cr.) or its equivalent.

M.S. in Computer Science, Databases and Intelligent Information Systems, Thesis Track (CSII.TT.MS)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-501B</td>
<td>Program Development</td>
<td>3</td>
</tr>
<tr>
<td>CS-502</td>
<td>Theoretical Foundations of Computer Science</td>
<td>3</td>
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<td>CS-503</td>
<td>Data Structures and Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>CS-505</td>
<td>Operating Systems Concepts</td>
<td>3</td>
</tr>
</tbody>
</table>

Program Requirements (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CS-512</td>
<td>Algorithm Design</td>
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<tr>
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<td>Networks</td>
<td>3</td>
</tr>
<tr>
<td>CS-517</td>
<td>Database Design and Management</td>
<td>3</td>
</tr>
<tr>
<td>CS-520</td>
<td>Introduction to Intelligent Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 2 of the following:

- CS-521 Artificial Intelligence
- CS-529 Web Services and .NET
- CS-533 Database System Implementation
- CS-618 Data Mining
- CS-625 Internet Crawler

Select 6 credits Designated with Course*Type CISEL

Total Credits 42

1. Up to 12 credits may be waived upon evaluation or prior academic preparation.

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 in the undergraduate major, preferably in the sciences or engineering.
2. Two letters of recommendation.
3. Two semesters of Calculus (I and II) with grades of "C" or better.
4. Two semesters of computer programming courses within the past five years (equivalent to Monmouth’s CS-175 Introduction to Computer Science I (3 cr.), CS-175L Introduction to Computer Science I lab (1 cr.) and CS-176 Introduction to Computer Science II (3 cr.), CS-176L Introduction to Computer Science II Lab (1 cr.)) at a recognized institution with a grade of “B” or better. Applicants not meeting these requirements for programming experience may be required to take CS-501A Computer Programming Essentials (3 cr.) or its equivalent.

M.S. in Computer Science, Non-Thesis Track (CS.NTT.MS)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-501B</td>
<td>Program Development</td>
<td>3</td>
</tr>
<tr>
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<td>3</td>
</tr>
<tr>
<td>CS-517</td>
<td>Database Design and Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 12 credits Designated with Course*Type CISEL

Select 6 credits from 600+ level Computer Science (CS) courses

Total Credits 42

1. Up to 12 credits may be waived upon evaluation or prior academic preparation.

M.S. in Computer Science Cybersecurity Non-Thesis Track (CSIS.NTT.MS)

<table>
<thead>
<tr>
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<th>Title</th>
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</thead>
<tbody>
<tr>
<td>CS-501B</td>
<td>Program Development</td>
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</tr>
<tr>
<td>CS-502</td>
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<tr>
<td>CS-503</td>
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<tr>
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</tr>
</tbody>
</table>

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</tr>
</thead>
<tbody>
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</tr>
<tr>
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<td>Database Design and Management</td>
<td>3</td>
</tr>
</tbody>
</table>
Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 in the undergraduate major, preferably in the sciences or engineering.

2. Two letters of recommendation.

3. Two semesters of Calculus (I and II) with grades of "C" or better.

4. Two semesters of computer programming courses within the past five years (equivalent to Monmouth's CS-175 Introduction to Computer Science I (3 cr.), CS-175L Introduction to Computer Science I lab (1 cr.) and CS-176 Introduction to Computer Science II (3 cr.), CS-176L Introduction to Computer Science II Lab (1 cr.) at a recognized institution with a grade of "B" or better. Applicants not meeting these requirements for programming experience may be required to take CS-501A Computer Programming Essentials (3 cr.) or its equivalent.

M.S. in Computer Science, Thesis Track (CS.TT.MS)

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<thead>
<tr>
<th>Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CS-501B</td>
<td>Program Development</td>
<td>3</td>
</tr>
<tr>
<td>CS-502</td>
<td>Theoretical Foundations of Computer Science</td>
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<td>CS-503</td>
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<td>Algorithm Design</td>
<td>3</td>
</tr>
<tr>
<td>CS-514</td>
<td>Networks</td>
<td>3</td>
</tr>
<tr>
<td>CS-517</td>
<td>Database Design and Management</td>
<td>3</td>
</tr>
<tr>
<td>CS-518</td>
<td>Fundamentals of Computer Security and Cryptography</td>
<td>3</td>
</tr>
<tr>
<td>CS-520</td>
<td>Introduction to Intelligent Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS-611</td>
<td>Secure Web Services Design</td>
<td>3</td>
</tr>
<tr>
<td>CS-691</td>
<td>Computer Science Thesis I</td>
<td>3</td>
</tr>
<tr>
<td>CS-692</td>
<td>Computer Science Thesis II</td>
<td>3</td>
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<tr>
<td></td>
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</tr>
</tbody>
</table>

1. Up to 12 credits may be waived upon evaluation of prior academic preparation.
M.S. in Data Science (DS.MS)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DS-501</td>
<td>Probability and Statistics for Data Science</td>
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</tr>
<tr>
<td>DS-502</td>
<td>Introduction to Computer Programming for Data Science I</td>
<td>3</td>
</tr>
<tr>
<td>DS-503</td>
<td>Introduction to Computer Programming for Data Science II</td>
<td>3</td>
</tr>
<tr>
<td>DS-504</td>
<td>Database Management</td>
<td>3</td>
</tr>
<tr>
<td>DS-510</td>
<td>Experimental Design and Casual Inference</td>
<td>3</td>
</tr>
<tr>
<td>DS-515</td>
<td>Legal, Ethical and Privacy Issues in Data Science</td>
<td>1.5</td>
</tr>
<tr>
<td>DS-520</td>
<td>Data Analytics: Concepts and Techniques</td>
<td>3</td>
</tr>
<tr>
<td>CO-592</td>
<td>Interactive Storytelling with Data</td>
<td>3</td>
</tr>
<tr>
<td>DS-530</td>
<td>Big Data Analysis, Methodologies and Infrastructures</td>
<td>3</td>
</tr>
<tr>
<td>DS-535</td>
<td>Data Science Consulting</td>
<td>1.5</td>
</tr>
<tr>
<td>DS-650</td>
<td>Applications for Data Science</td>
<td>3</td>
</tr>
<tr>
<td>DS-655</td>
<td>Advanced Data Science Techniques</td>
<td>3</td>
</tr>
<tr>
<td>BM-620</td>
<td>Management Science and Business Analytics</td>
<td>3</td>
</tr>
<tr>
<td>DS-695A</td>
<td>Practicum in Data Science</td>
<td>3</td>
</tr>
<tr>
<td>DS-695B</td>
<td>Practicum in Data Science II</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>42</strong></td>
</tr>
</tbody>
</table>

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 overall G.P.A. and a 3.0 G.P.A. Candidates should have earned an undergraduate degree in computer science, software engineering, information technology, information science, biology, mathematics, business administration or majored in a field that requires a substantial component of software development and/or business administration.

2. Students who have little programming experience will be evaluated on a case-by-case basis. They may be required to complete foundation courses before entering the master’s program.

M.S. in Software Engineering, Advanced Non-Thesis Track (SE.ADV.NTT.MS)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Requirements (27 credits)</strong></td>
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</tr>
<tr>
<td>Core Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SE-571</td>
<td>Software Design and Systems Architecture</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-572</td>
<td>Enterprise and Global Architecture</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-580</td>
<td>The Process of Engineering Software</td>
<td>3</td>
</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security</td>
<td>3</td>
</tr>
<tr>
<td>Guided Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select THREE SETS of guided electives from the following:</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
<td></td>
</tr>
<tr>
<td>&amp; SE-602</td>
<td>and Technology Assessment</td>
<td></td>
</tr>
</tbody>
</table>

Electives (3 credits)

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
</tr>
<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
</tr>
<tr>
<td>SE-603</td>
<td>MOST Implementation</td>
</tr>
<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
</tr>
<tr>
<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
</tr>
<tr>
<td>SE-616</td>
<td>Extensible Markup Language (XML)</td>
</tr>
<tr>
<td>SE-620</td>
<td>Networked Software Systems I</td>
</tr>
<tr>
<td>SE-625</td>
<td>Information Systems Architecture</td>
</tr>
<tr>
<td>SE-626</td>
<td>Information Systems Engineering</td>
</tr>
<tr>
<td>SE-650</td>
<td>Software Project Management</td>
</tr>
<tr>
<td>SE-651</td>
<td>Software Organization Management</td>
</tr>
<tr>
<td>SE-652</td>
<td>Software Organization Management</td>
</tr>
<tr>
<td>SE-653</td>
<td>Database Design and Management</td>
</tr>
<tr>
<td>CS-514</td>
<td>Networks</td>
</tr>
<tr>
<td>CS-517</td>
<td>Database System Implementation</td>
</tr>
<tr>
<td>BM-565</td>
<td>Management of Technology</td>
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</table>

**Total Credits**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

Note

- This track is open only to students with an undergraduate degree in Software Engineering.

Admission Requirements

1. Possession of a baccalaureate degree in software engineering, computer science, computer engineering, or another engineering-related discipline with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major. Candidates whose major is not computer science or a related field may be admitted on a case-by-case basis.

2. Demonstrate completed course work in computer programming, data structures and algorithms, operating systems, discrete mathematics, and software engineering. Applicants who have not completed course work in these areas will be required to complete preparatory/foundation courses as necessary. (Only foundation coursework will be applied towards the MS degree.) Students must earn a grade of “B-“ or better in each of these courses.

3. Thesis track students must hold a bachelor’s degree in software engineering from a college or university accredited by its regional accrediting agency.
M.S. in Software Engineering, Advanced Thesis Track (SE.ADV.TT.MS)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-571</td>
<td>Software Design and Systems Architecture</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-572</td>
<td>Enterprise and Global Architecture</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-580</td>
<td>The Process of Engineering Software</td>
<td>3</td>
</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security</td>
<td>3</td>
</tr>
</tbody>
</table>

Guided Electives

Select TWO SETS of guided electives from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
<td></td>
</tr>
<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
<td></td>
</tr>
<tr>
<td>SE-620</td>
<td>Networked Software Systems I</td>
<td></td>
</tr>
<tr>
<td>SE-621</td>
<td>и Networked Software Systems II</td>
<td></td>
</tr>
<tr>
<td>SE-625</td>
<td>Information Systems Architecture</td>
<td></td>
</tr>
<tr>
<td>SE-626</td>
<td>and Information Systems Engineering</td>
<td></td>
</tr>
<tr>
<td>SE-640</td>
<td>Real-time Systems</td>
<td></td>
</tr>
<tr>
<td>SE-641</td>
<td>and Real-time Robot Control</td>
<td></td>
</tr>
<tr>
<td>SE-650</td>
<td>Software Project Management</td>
<td></td>
</tr>
<tr>
<td>SE-651</td>
<td>and Software Organization Management</td>
<td></td>
</tr>
</tbody>
</table>

Electives (3 credits)

Select one of the following:

- SE-601 Outsourcing: Specifications and Strategies
- SE-602 Technology Assessment
- SE-603 MOST Implementation
- SE-611 Secure Web Services Design
- SE-615 Usability Engineering/Human-Computer Interaction
- SE-616 Extensible Markup Language (XML)
- SE-620 Networked Software Systems I
- SE-625 Information Systems Architecture
- SE-626 Information Systems Engineering
- SE-650 Software Project Management
- SE-651 Software Organization Management
- Software Engineering 600-Level Special Topics Class
- Software Engineering 600-Level Independent Study
- CS-514 Networks
- CS-517 Database Design and Management
- CS-533 Database System Implementation
- BM-565 Management of Technology

Two Semester Thesis (6 credits)

- SE-691 Software Engineering Thesis Research 3
- SE-692 Software Engineering Thesis Research 3

Total Credits 30

Note

- This track is open only to students with an undergraduate degree in Software Engineering.

Admission Requirements

1. Possession of a baccalaureate degree in software engineering, computer science, computer engineering, or another engineering-related discipline with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major. Candidates whose major is not computer science or a related field may be admitted on a case-by-case basis.

2. Demonstrate completed course work in computer programming, data structures and algorithms, operating systems, discrete mathematics, and software engineering. Applicants who have not completed course work in these areas will be required to complete preparatory/foundation courses as necessary. (Only foundation coursework will be applied towards the MS degree.) Students must earn a grade of "B-" or better in each of these courses.

3. Thesis track students must hold a bachelor's degree in software engineering from a college or university accredited by its regional accrediting agency.

M.S. in Software Engineering, Non-Thesis Track (SE.NTT.MS)

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<td>CS-503</td>
<td>Data Structures and Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>SE-505</td>
<td>Principles of Software Engineering</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-511</td>
<td>Object-Oriented Analysis</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-512</td>
<td>Object-Oriented Design</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Core Courses

- SE-555 Software System Requirements 3
- SE-571 Software Design and Systems Architecture 1.5
- SE-572 Enterprise and Global Architecture 1.5
- SE-575 Software Verification, Validation and Maintenance 3
- SE-580 The Process of Engineering Software 3

Electives (12 credits)

Select four of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
</tr>
<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
</tr>
<tr>
<td>SE-603</td>
<td>MOST Implementation</td>
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<tr>
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<td>SE-616</td>
<td>Extensible Markup Language (XML)</td>
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<td>SE-620</td>
<td>Networked Software Systems I</td>
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<td>SE-621</td>
<td>Networked Software Systems II</td>
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<td>SE-625</td>
<td>Information Systems Architecture</td>
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<td>SE-641</td>
<td>Real-time Robot Control</td>
</tr>
<tr>
<td>SE-650</td>
<td>Software Project Management</td>
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<tr>
<td>SE-651</td>
<td>Software Organization Management</td>
</tr>
<tr>
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<td>Networks</td>
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<tr>
<td>BM-565</td>
<td>Management of Technology</td>
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Software Engineering 600-Level Independent Study
Graduate Catalog 2021-2022

### M.S. in Software Engineering, Thesis Track (SE.TT.MS)

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<thead>
<tr>
<th>Code</th>
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<tr>
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<td></td>
<td>Foundation Courses ¹</td>
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<tr>
<td>CS-501B</td>
<td>Program Development</td>
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<td>CS-503</td>
<td>Data Structures and Algorithms</td>
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</tr>
<tr>
<td>SE-505</td>
<td>Principles of Software Engineering</td>
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<tr>
<td>SE-511</td>
<td>Object-Oriented Analysis</td>
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<tr>
<td>SE-512</td>
<td>Object-Oriented Design</td>
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<td></td>
<td>Core Courses</td>
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<tr>
<td>SE-565</td>
<td>Software System Requirements</td>
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<tr>
<td>SE-571</td>
<td>Software Design and Systems Architecture</td>
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<td>SE-572</td>
<td>Enterprise and Global Architecture</td>
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<td>SE-575</td>
<td>Software Verification, Validation and</td>
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<tr>
<td></td>
<td>Maintenance</td>
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<td>SE-602</td>
<td>Technology Assessment</td>
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<td>MOST Implementation</td>
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</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security</td>
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</tr>
<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
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<td>SE-615</td>
<td>Usability Engineering/Human-Computer</td>
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<td>Interaction</td>
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</tr>
<tr>
<td>Total Credits</td>
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<td>40.5</td>
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</tbody>
</table>

¹ Up to 10.5 credits of Foundation Courses may be waived upon evaluation of prior academic preparation in Computer Science and Software Engineering.

### Admission Requirements

1. Possession of a baccalaureate degree in software engineering, computer science, computer engineering, or another engineering-related discipline with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major. Candidates whose major is not computer science or a related field may be admitted on a case-by-case basis.

2. Demonstrate completed course work in computer programming, data structures and algorithms, operating systems, discrete mathematics, and software engineering. Applicants who have not completed course work in these areas will be required to complete preparatory/foundation courses as necessary. (Only foundation coursework will be applied towards the MS degree.) Students must earn a grade of “B-” or better in each of these courses.

3. Thesis track students must hold a bachelor's degree in software engineering from a college or university accredited by its regional accrediting agency.

### M.S. Information Systems, Management Track, Non-Thesis Track (IS.M.NTT.MS)

<table>
<thead>
<tr>
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<tr>
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<td>Computer Programming Essentials</td>
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<tr>
<td>BM-517</td>
<td>Introduction to Management</td>
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<tr>
<td>SE-505</td>
<td>Principles of Software Engineering</td>
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<td>SE-511</td>
<td>Object-Oriented Analysis</td>
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<td>BA-513</td>
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<td>MIS-623</td>
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M.S. in Information Systems, Management Track, Thesis Track (IS.M.TT.MS)

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<tr>
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<td>MIS-565</td>
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<td>MIS-525</td>
<td>Information System Architecture</td>
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<td>MOST Implementation</td>
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<td>MIS-550</td>
<td>Software Project Management</td>
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<td>Software Organization Management</td>
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<td>BL-631</td>
<td>Legal Environment of Business</td>
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<td>BM-635</td>
<td>Human Resource and Organizational Development</td>
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<td>CS-518</td>
<td>Fundamentals of Computer Security and Cryptography</td>
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<td>CS-628</td>
<td>Security of E-Systems and Networks</td>
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<td>SE-602</td>
<td>Technology Assessment</td>
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<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
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<td>MIS-514</td>
<td>Networks</td>
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<td>MIS-575</td>
<td>Software Verification, Validation and Maintenance</td>
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<td></td>
<td>Practicum (6 credits)</td>
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<td>MIS-695A</td>
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<td>MIS-695B</td>
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   1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 GPA in the major. Candidates should have an undergraduate degree in computer science, software engineering, information technology, information science, or business administration or majored in a field that requires a substantial component of software development and/or business administration.

   2. Applicants to the Technology track must have completed courses equivalent to Program Development I and II, Introduction to Management, Principles of Software Engineering, and Data Structures and Algorithms.

   3. Applicants to the Management track must have completed courses equivalent to Program Development I, Introduction to Management, Principles of Software Engineering, Financial Accounting, and Microeconomics and Macroeconomics.

   4. Applicants who have not completed one or more of these courses will be evaluated on a case by case basis. They may be required to complete foundation courses.

**M.S. in Information Systems, Management Track, Thesis Track (IS.M.TT.MS)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>BM-517</td>
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<td>SE-511</td>
<td>Object-Oriented Analysis</td>
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<td>BA-513</td>
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**Program Requirements (30 credits)**

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<td>MIS-623</td>
<td>Management Information Systems</td>
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<td>MIS-565</td>
<td>Software System Requirements</td>
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<td>MIS-525</td>
<td>Information System Architecture</td>
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<td>MOST Implementation</td>
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<td>MIS-550</td>
<td>Software Project Management</td>
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<td>MIS-551</td>
<td>Software Organization Management</td>
<td>3</td>
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<td>BK-520</td>
<td>Foundations of Marketing Management</td>
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<tr>
<td>BL-631</td>
<td>Legal Environment of Business</td>
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<tr>
<td>BM-635</td>
<td>Human Resource and Organizational Development</td>
<td></td>
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<tr>
<td>CS-518</td>
<td>Fundamentals of Computer Security and Cryptography</td>
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<tr>
<td>CS-628</td>
<td>Security of E-Systems and Networks</td>
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<tr>
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<td>Technology Assessment</td>
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<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
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<td>MIS-514</td>
<td>Networks</td>
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<td>MIS-575</td>
<td>Software Verification, Validation and Maintenance</td>
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<tr>
<td>MIS-691</td>
<td>Management Information System Thesis I</td>
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<td>MIS-692</td>
<td>Management Information System Thesis II</td>
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<td></td>
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M.S. in Information Systems, Technology Track, Non-Thesis Track (IS.T.NTT.MS)

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<tbody>
<tr>
<td>CS-501A</td>
<td>Computer Programming Essentials</td>
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<td>CS-501B</td>
<td>Program Development</td>
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<td>BM-517</td>
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<td>CS-503</td>
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 programmed Requirements (30 credits)

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<td>Software System Requirements</td>
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<td>MIS-525</td>
<td>Information System Architecture</td>
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<td>MIS-517</td>
<td>Database Design and Management</td>
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<td>MIS-514</td>
<td>Networks</td>
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<td>BK-520</td>
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<tr>
<td>BL-631</td>
<td>Legal Environment of Business</td>
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<td>Management Information System Practicum I</td>
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<td>Management Information System Practicum II</td>
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</tbody>
</table>

Total Credits 43.5

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 programmed Requirements (30 credits)

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<tbody>
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<tr>
<td>MIS-514</td>
<td>Networks</td>
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<tr>
<td>MIS-692</td>
<td>Management Information System Thesis II</td>
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</tbody>
</table>

Total Credits 43.5

1. Applicants to the Management track must have completed courses equivalent to Program Development I, Introduction to Management, Principles of Software Engineering, Financial Accounting, and Microeconomics and Macroeconomics.

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**Urban Coast Institute**

**Director: Tony MacDonald**

The Urban Coast Institute (UCI) serves the public interest as a forum for research, education, and collaboration that fosters the application of the best available science and policy to support healthy and productive coastal ecosystems and a sustainable and economically vibrant future for coastal communities. The UCI efforts focus on the following program areas:

- Coastal and Ocean Management, Law, and Policy
- Coastal Marine Stewardship, Habitat and Water Quality
- Sustainable and Resilient Coastal Communities

**Institute Staff**

**Tony MacDonald, Esq.** Director. J.D., Fordham University School of Law. Mr. MacDonald has over thirty years of executive and policy experience in coastal and ocean law and policy at the local, state, and federal level.

**Thomas Herrington**, Associate Director. Ph.D., Stevens Institute of Technology. Dr. Herrington is one of New Jersey's leading experts on coastal processes, beach management and ocean engineering. He has more than twenty-five years of experience in coastal sustainability and hazard mitigation research, including the analysis of storm surge and wave impacts on coastal communities.

**James Nickels**, Marine Scientist. M.S., Montclair State University. Mr. Nickels has worked for over twenty-five years on marine research, monitoring, surveying, and field operations in both the public and private sectors. His expertise includes survey work in fisheries, plankton, benthic organisms, sediment, water quality, mitigation, and geophysics. He is a licensed hydrographer and Certified Floodplain Manager.

**Karl Vilacoba**, Communications Director. M.A., New Jersey Institute of Technology. Mr. Vilacoba has over fifteen years of experience in professional media, writing, and technical communications. He is the lead for the Urban Coast Institute (UCI) outreach and communications efforts related to ocean and coastal programs and activities.

Visit our website at [http://monmouth.edu/uci/](http://monmouth.edu/uci/).
LEON HESS BUSINESS SCHOOL

Dean: Raj Devasagayam, Ph.D.
Associate Dean: Gilda Agacer, Ph.D.
Assistant Dean: Janeth Merkle, M.B.A., MM
M.B.A. Program Director: Rick Roberts, M.B.A.

The Leon Hess Business School (LHBS) is currently ranked in the top 300 of the 2,000 schools of business in the United States, is a community of teacher-scholars educating students to develop strong leadership skills in achieving organizational excellence and sustainability: the integrated strategic management of interlocking economic, social, technological and ecological systems in which organizations operate. The LHBS is accredited by AACSB International — the Association to Advance Collegiate Schools of Business. AACSB accreditation is the hallmark of excellence in business education, and has been earned by less than 5 percent of the world’s business programs. Today, there are 727 business schools in 48 countries and territories that maintain AACSB accreditation.

The M.B.A. program is designed to develop a comprehensive background in the theory and practice of business management decision-making and concentrates on contemporary managerial responsibilities in a dynamic environment. All curricula underscore the complexity and diversity of managerial decisions in the global economy. Instruction in small-size classes stresses close interaction with faculty and promotes collaborative work.

Within the LHBS are two Centers of Distinction.

1. The first is the Kislak Real Estate Institute. The Institute is the sole provider of both undergraduate and graduate academic credit-bearing real estate education in the State of New Jersey.

2. The second, the Center for Entrepreneurship is directed by Dr. Joseph McManus of the Management and Decision Sciences Department. The Center has been nationally recognized for its innovative teaching in the field of entrepreneurship and product designs.

The School of Business is most fortunate to have two professors who are endowed Chairs.

- Professor Donald Moliver holds the Steven and Elaine Pozyczki Endowed Professor Chair in Real Estate.
- Professor Nahid Aslanbeigui holds the Kvernland Endowed Chair in Philosophy and Corporate Social Policy.

The top 20 percent of M.B.A. graduates and 10 percent of undergraduate junior and senior students are eligible for election to Beta Gamma Sigma, the International Honor Society for Accredited business schools.

Student Honor Society: Beta Gamma Sigma

Programs

Masters

- MBA (p. 119)
- MBA with a Concentration in Accounting (p. 123)
- MBA with a Concentration in Finance (p. 128)
- MBA with a Concentration in Management (p. 134)
- MBA with a Concentration in Marketing (p. 137)
- MBA with a Concentration in Real Estate (p. 128)

Certificate

- Graduate Certificate in Accounting (p. 123)

Master of Business Administration (M.B.A.)

The mission of the M.B.A. Program is to serve well-qualified graduate students who are committed to pursuing higher levels of professional responsibility, enhancing their competencies, and improving their value to the organizations they serve. The graduate program combines management theory and practice in a contemporary managerial context. Curricula underscore the complexity and diversity of managerial decisions in national and global economies. Students learn in small classes that promote close interaction with our business faculty and also benefit from the special contributions of visiting lecturers.

Six M.B.A. options are open to students: a general M.B.A. (which may be pursued either in a regular or accelerated mode and allows for customization (e.g. healthcare, Global) and the following five M.B.A. concentrations:

- Accounting (p. 123),
- Business Administration (p. 119)
- Finance (p. 128),
- Management, (p. 134)
- Marketing (p. 137), and
- Real Estate (p. 128).

The State of New Jersey requires candidates for the C.P.A. examination to have completed a minimum of 150 credit hours of higher education. The M.B.A. helps students comply with the 150-credit rule while earning a graduate degree. The requirement can be satisfied in either of two ways:

1. students who have obtained an undergraduate Accounting degree may continue to earn a general M.B.A.;
2. students who have undergraduate degrees in fields other than Accounting may earn an M.B.A. with a concentration in Accounting.

Students who have an undergraduate Accounting degree are not encouraged to pursue the M.B.A. Accounting Concentration or graduate certificate in accounting.

Programs

Masters

- M.B.A. (p. 119)

M.B.A. (BU.MBA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
<td>3</td>
</tr>
</tbody>
</table>
BE-511  Microeconomics  1.5
BE-512  Macroeconomics  1.5
BA-513  Financial Accounting  1.5
BA-514  Managerial Accounting  1.5
BF-515  Financial Markets  1.5
BF-516  Business Finance  1.5
BK-520  Foundations of Marketing Management  1.5
BM-517  Introduction to Management  1.5
BM-518  Introduction to Statistics  3
BM-519  Production and Operations Management  3

Core Requirements (21 credits)
BA-610  Accounting for Managers  3
BE-611  Managerial Economics  3
BF-612  Corporate Finance  3
BM-613  Managing and Leading in Organizations  3
BK-614  Marketing Management  3
BM-660  Corporate Governance and Organizational Ethics  3
BM-670  Strategic Management  3

Requirements (15 credits)
Data Analysis
Select one of the following:  3
  BK-620  Marketing Research
  BM-620  Management Science and Business Analytics
  BM-622  Applied Information Systems Management
  BE/BF-620  Econometrics

Global
Select one of the following:  3
  BE-650  Globalization
  BF-650  International Finance
  BK-650  International Marketing Management
  BR-650  International Real Estate
  BM-650  International Business

Guided Electives
Select 9 credits of Guided Free Electives  9

Total Credits  57

Admission Requirements

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT\textsuperscript{1,2,3} or
   b. CPA or CFA licensure.
2. Possession of a four-year baccalaureate degree with a minimum GPA of 3.5\textsuperscript{2}.
3. Possession of a four-year baccalaureate degree with a minimum GPA of 3.0\textsuperscript{3} and three years full time work experience.
4. Possession of a Master’s or Doctoral degree (MS, MD, JD, PhD, EdD, etc.).

Applicants must also provide:

2. Essay explaining why the applicant wishes to pursue this graduate program (500 words or less).
3. Two letters of recommendation (optional)

\textsuperscript{1} The Graduate Record Exam (GRE) will be considered as a substitute for the GMAT on an equivalent basis. LSAT or Engineering certification exams (FE, PE, SE, PS, FS) may be considered in place of the GMAT.

\textsuperscript{2} The GMAT will be waived for any applicant with a 3.5 or greater GPA.

\textsuperscript{3} The GMAT will be waived for any applicant with a GPA of 3.0 or greater and 3 years of full time work experience.
Accounting

Chair: J. Peter Christakos, Department of Accounting

The mission of the Department of Accounting is to prepare students for careers in public, private industry, and governmental and not-for-profit organizations. The department encourages and supports dynamic interaction between faculty and students. Faculty members contribute as leaders in the profession through research and community activities.

The Monmouth University Department of Accounting prepares students for today’s varied and challenging careers in the accounting field including:

- **Public Accounting**: Opportunities range from the “Big 4” to regional and local firms which provide audit, tax, management, and forensic services to clients.
- **Private Accounting**: These options involve working within an individual company or non-profit organization.
- **Government Work**: Jobs are available working for the Internal Revenue Service, the NJ Division of Taxation, or other government agencies.
- **Education**: Graduates can continue for advanced degrees and return to academia for research and teaching opportunities.

Monmouth University accounting graduates will have met the educational requirements to sit for the rigorous Certified Public Accounting Examination (Students will have the opportunity to plan for meeting the additional requirements of 150 college credit hours, and work experience to become a C.P.A.)

The opportunities for accounting graduates are unlimited with the demand continuing at a strong level despite the current economic downturn.

- C.P.A.s are highly respected and in demand.
- All financial decisions, for businesses and successful individuals, are dependent on accounting information.
- Accounting is the “language of business.”
- Graduates with accounting skills are able to succeed in a career and life that offers wonderful opportunities.

Programs

Masters

- M.B.A. with a Concentration in Accounting (p. 123)

Certificate

- Graduate Certificate in Accounting (p. 123)

Faculty

Gilda M. Agacer, Associate Professor (Graduate Faculty). Associate Dean of the Leon Hess Business School. B.A., University of East Philippines; M.I.B.S., Ph.D., University of South Carolina. Specializes in governmental accounting, advanced accounting analysis, and managerial cost analysis.

Xudong Daniel Li, Associate Professor (Graduate Faculty). B.E., B.S., University of Science and Technology of China, M.B.A., University of California, Ph.D., University of North Texas. Research interests in auditing, firm choice, information transfer, financial reporting quality, managerial incentives/characteristics, and oil and gas. Broadly speaking, particular interests are (1) incorporated behavioral/psychological perspectives into theoretical explanations of various auditing and accounting contexts and (2) employing both economic and behavioral/psychology-based theories to develop testable hypotheses in examining the interplay of auditing and accounting via archival research methods and using archival data.

Nancy Uddin, Associate Professor (Graduate Faculty). B.A., William Patterson University; Ph.D., Rutgers University. Research and teaching interests include the areas of auditing and accounting information systems.

Minna Yu, Associate Professor (Graduate Faculty). B.A., M.S., Dongbei University, China; Ph.D., Kent State University. Teaching interests include managerial accounting, financial accounting, and international accounting. Current research interests include analyst forecasts, accrual anomaly, and corporate governance.

Ronald Zhao, Associate Professor (Graduate Faculty). B.A., Fudan University, China; M.A., Shanghai Foreign Language Institute, China; Ph.D., Texas Tech University; C.P.A., C.M.A. Teaching and research interests are in the areas of cost and management accounting, international accounting, and corporate finance.

Courses

**BA-513 Financial Accounting**  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
This foundational course will address the basics of financial accounting, including the accounting cycle, from the analysis and recording of transactions to the compilation of the four basic financial statements, and introduce additional accounting procedures related to valuation of inventory and long term assets and other financial statement topics.

**BA-514 Managerial Accounting**  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
This foundation course will equip students with a basic knowledge and understanding of managerial accounting theories and practices for management use. Topics covered include cost classification, the basics of product costing (job and activity-based), decisions based on cost-volume-profit (CVP) analysis, budgeting and performance evaluation.

**BA-588 Internship in Accounting**  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Provides the opportunity for MBA accounting track (and/or accounting concentration) students to apply classroom theory in practice through actual work experience in the accounting field. The course cannot be counted toward the MBA track or concentration requirements, but is recommended for those who do not have experience in the accounting profession. Students may take this course a maximum of two times (or a maximum of 6 credits). A minimum G.P.A. of 3.00 is required to take this course.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA-598</td>
<td>Special Topics in Accounting</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>The subject matter of this course varies according to the interest of the students and the professor teaching the course. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.</td>
</tr>
<tr>
<td>BA-599</td>
<td>Business Research</td>
<td>3</td>
<td></td>
<td>None</td>
<td>Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Prior permission of the directing professor and department chair is required to take this course.</td>
</tr>
<tr>
<td>BA-610</td>
<td>Accounting for Managers</td>
<td>3</td>
<td></td>
<td>All Terms</td>
<td>Accounting is the language of business. Managers are expected to have a minimum level of accounting and financial management skills that transcend all business disciplines. This course provides a foundation in financial planning, performance, control and financial decision making. It aims to develop students’ ability for comprehension, application, analysis, synthesis and evaluation of the concepts, terminology, measures, systems and techniques used in corporate management accounting, as well as professional ethics, which are of critical importance in today’s highly competitive business environment.</td>
</tr>
<tr>
<td>BA-632</td>
<td>Business Income Tax</td>
<td>3</td>
<td>Fall Term</td>
<td>None</td>
<td>This is the only graduate level income tax course currently offered at Monmouth. Our undergraduate version of this course covers two semesters. This course will emphasize tax research and planning for individuals. The purpose is to introduce graduate accounting students to a broad range of income tax topics. Because of the complexity and breadth of coverage, many topics will not be covered in great depth.</td>
</tr>
<tr>
<td>BA-634</td>
<td>Selected Topics in Financial Accounting</td>
<td>3</td>
<td>Fall Term</td>
<td>None</td>
<td>This capstone course provides an intensive examination of accounting concepts and principles pertaining to the understanding of accounting cycle and preparation of major financial statements. It covers the accounting treatment of major classes of assets, liabilities and related income accounts. This course is specifically structured to cover the fundamental issues traditionally taught in two intermediate accounting courses at the undergraduate level for graduate students without sufficient accounting background. It lays a sound foundation for students to pursue more advanced financial accounting practice and theory issues in contemporary context.</td>
</tr>
<tr>
<td>BA-636</td>
<td>Advanced Accounting Topics</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>This course in financial accounting has been developed to provide advanced knowledge and skills in various specialized and complex areas. It presupposes an extensive background in basic accounting theory. This course presents the specialized topics of business investments and combinations and consolidations, and an introduction to governmental and not-for-profit accounting. Relevant United States Generally Accepted Accounting Principles and United States Governmental Accounting Standards Board pronouncements will be considered. In addition, other topics relevant to the understanding of the current business and accounting environment (segment and interim reporting, foreign exchange transactions and partnerships, estates, trusts will be addressed).</td>
</tr>
<tr>
<td>BA-638</td>
<td>Auditing Practices and Cases</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>This course is designed to prepare students to research tax questions. All applicable sources of federal tax law will be used to formulate conclusions and professional recommendations.</td>
</tr>
<tr>
<td>BA-640</td>
<td>Advanced Topics in Financial Statement Analysis and Valuation</td>
<td>3</td>
<td>Fall Term</td>
<td>None</td>
<td>This course is designed to prepare students to interpret and analyze financial statements for tasks such as credit and security analyses, lending and investment decisions, and other decisions that rely on financial data. This course explores in greater depth financial reporting from the perspective of financial statement users. In addition, this course helps students understand some important and challenging accounting topics, such as cash flow analysis, pension analysis, lease analysis, accounting changes, financial instruments as liabilities and equity, etc.</td>
</tr>
<tr>
<td>BA-641</td>
<td>Advanced Accounting Information Systems</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>This course introduces the graduate Accounting student to how accounting systems are implemented in today’s computer-intensive environment. The course also covers methods for developing and documenting Accounting Information Systems (AIS) and how to evaluate controls in these systems.</td>
</tr>
<tr>
<td>BA-642</td>
<td>Financial Accounting Review and Case Study</td>
<td>3</td>
<td>Fall Term</td>
<td>None</td>
<td>This course demands students to research, analyze, and communicate in accounting. Through the practice questions and case study, students will review the previous accounting courses and will learn about accounting research. Developing presentation skills is also a large component of the course.</td>
</tr>
<tr>
<td>BA-645</td>
<td>Tax Research</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>This course is designed to prepare students to research tax questions. All applicable sources of federal tax law will be used to formulate conclusions and professional recommendations.</td>
</tr>
</tbody>
</table>
BA-699  Business Research in Accounting  Credits: 1-3
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

Graduate Certificate in Accounting (MBA.BA.GR.C)

<table>
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</thead>
<tbody>
<tr>
<td>BA-513</td>
<td>Financial Accounting</td>
<td>1.5</td>
</tr>
<tr>
<td>BA-514</td>
<td>Managerial Accounting</td>
<td>1.5</td>
</tr>
<tr>
<td>BA-610</td>
<td>Accounting for Managers</td>
<td>3</td>
</tr>
<tr>
<td>BA-632</td>
<td>Business Income Tax</td>
<td>3</td>
</tr>
<tr>
<td>BA-634</td>
<td>Selected Topics in Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BA-636</td>
<td>Advanced Accounting Topics</td>
<td>3</td>
</tr>
<tr>
<td>BA-638</td>
<td>Auditing Practices and Cases</td>
<td>3</td>
</tr>
</tbody>
</table>

Select six additional credits from BA-600+ courses  6

Total Credits  24

Admission Requirements
1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT\textsuperscript{1,2,3} or
   b. CPA or CFA licensure.
2. Possession of a four-year baccalaureate degree with a minimum GPA of 3.5\textsuperscript{2}.
3. Possession of a four-year baccalaureate degree with a minimum GPA of 3.0\textsuperscript{3} and three years full time work experience.
4. Possession of a Master’s or Doctoral degree (MS, MD, JD, PhD, EdD, etc.).

Applicants must also provide:

2. Essay explaining why the applicant wishes to pursue this graduate program (500 words or less).
3. Two letters of recommendation (optional)

\textsuperscript{1} The Graduate Record Exam (GRE) will be considered as a substitute for the GMAT on an equivalent basis. LSAT or Engineering certification exams (FE, PE, SE, PS, FS) may be considered in place of the GMAT.

\textsuperscript{2} The GMAT will be waived for any applicant with a 3.5 or greater GPA

\textsuperscript{3} The GMAT will be waived for any applicant with a GPA of 3.0 or greater and 3 years of full time work experience.

M.B.A. with a Concentration in Accounting (BU.BA.MBA)

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<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
<td>3</td>
</tr>
<tr>
<td>BE-511</td>
<td>Microeconomics</td>
<td>1.5</td>
</tr>
<tr>
<td>BE-512</td>
<td>Macroeconomics</td>
<td>1.5</td>
</tr>
<tr>
<td>BA-513</td>
<td>Financial Accounting</td>
<td>1.5</td>
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<td>BA-514</td>
<td>Managerial Accounting</td>
<td>1.5</td>
</tr>
<tr>
<td>BF-515</td>
<td>Financial Markets</td>
<td>1.5</td>
</tr>
<tr>
<td>BF-516</td>
<td>Business Finance</td>
<td>1.5</td>
</tr>
<tr>
<td>BK-520</td>
<td>Foundations of Marketing Management</td>
<td>1.5</td>
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<td>BM-517</td>
<td>Introduction to Management</td>
<td>1.5</td>
</tr>
<tr>
<td>BM-518</td>
<td>Introduction to Statistics</td>
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<td>BM-519</td>
<td>Production and Operations Management</td>
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Core Requirements (21 credits)

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<tr>
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<tr>
<td>BA-610</td>
<td>Accounting for Managers</td>
<td>3</td>
</tr>
<tr>
<td>BE-611</td>
<td>Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>BF-612</td>
<td>Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>BM-613</td>
<td>Managing and Leading in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>BK-614</td>
<td>Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>BM-660</td>
<td>Corporate Governance and Organizational Ethics</td>
<td>3</td>
</tr>
<tr>
<td>BM-670</td>
<td>Strategic Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits  57

Admission Requirements
1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
Economics, Finance, and Real Estate

Chair: Barrie Bailey, Department of Economics, Finance, and Real Estate

Within the Leon Hess Business School, students can pursue a number of academic degrees including economics, finance, and real estate. The program provides an education that helps qualify its graduates for positions of leadership in private and public sectors.

Economics, finance, and real estate provide a strong foundation for graduate work in economics, finance, and law, as well as careers in government, commercial and investment banking, corporate finance, insurance, commercial real estate, medical services, human resources, international trade, and labor relations.

Programs
Masters
- M.B.A. with a Concentration in Real Estate (p. 128)
- M.B.A. with a Concentration in Finance (p. 128)

Faculty

Nahid Aslanbeigui, Professor and Kvernland Endowed Chair in Philosophy and Corporate Social Policy (Graduate Faculty). B.A., University of Tehran; M.A., Ph.D., University of Michigan. Specializes in globalization, economic development, and the history of economic thought. Additional interests include economics education and the economic status of women. naslanbe@monmouth.edu

Barrie Bailey, Associate Professor and Chair (Graduate Faculty). B.S., M.B.A., Ph.D., University of Central Florida. Research interests include international mutual fund performance and finance education. bbailey@monmouth.edu

Jonathan Daigle, Assistant Professor (Graduate Faculty). B.S., M.B.A., The University of South Alabama; Ph.D., The University of Mississippi. jdaigle@monmouth.edu

Donald Moliver, Professor and Steven and Elaine Pozyczki Endowed Professor Chair in Real Estate (Graduate Faculty). Dean, Leon Hess Business School. B.A., Fairleigh Dickinson University, M.A., Ph.D., Virginia Polytechnic Institute. Research interests include real estate finance and valuation. CRE and MAI designations. dmoliver@monmouth.edu

Patrick L O’Halloran, Associate Professor (Graduate Faculty). B.A., M.A., Ph.D., University of Wisconsin-Milwaukee. Principal research interests are in labor economics, discrimination, payment scheme, and econometrics. pohallor@monmouth.edu

Benedicte Reyes, Associate Professor (Graduate Faculty). B.A., Ecole Superieure de Commerce de Reims, France; M.B.A., Temple University; Ph.D., Columbia University. Research interests include international corporate finance and capital markets deregulation. breyes@monmouth.edu

Robert H. Scott, III, Professor (Graduate Faculty). B.A., Western State College of Colorado; M.A., Ph.D., University of Missouri at Kansas City. Research interests include credit cards, start-up business financing, and interpreting the work of Kenneth Boulding.
Courses

BE-511 Microeconomics Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Provides MBA students with principles-level knowledge of microeconomics. Students will learn economic theory to analyze markets, competitive and noncompetitive firm behavior, market structure, government regulation and global trade.

BE-512 Macroeconomics Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Provides MBA students with principles-level knowledge of macroeconomics. Students will learn to determine the components and level of national income, applications to the problems of inflation, unemployment and economic stabilization. Students are introduced to the macroeconomic operation of a mixed economy such as the United States within the global economy. Topics include national income accounting, business cycles, inflation, unemployment, monetary and fiscal policies, national deficit and debt, exchange rates, balance of payments, balance of trade, global financial crises, and policy debates.

BE-571 Economic Policy in Society Credits: 3
Term Offered: Spring Term
Course Type(s): MBA.E
The factors that determine the level of national income, employment, and business activity; the relationship of government in the productive system in establishing economic goals and objectives and its role in making policy.

BE-575 Analysis and Forecasting Credits: 3
Prerequisite(s): BM-518 or equivalent
Term Offered: Spring Term
Course Type(s): MBA.E
Identification, analysis, and appraisal of forces influencing the course of economic activity; evaluation of theories and models of cycles and growth; and various forecasting and projecting techniques.

BE-598 Special Topics: Economics Credits: 3
Term Offered: Spring Term
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student’s permanent record.

BE-599 Business Research Credits: 3
Term Offered: Spring Term
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

BE-611 Managerial Economics Credits: 3
Prerequisite(s): BE-511 and BM-518
Term Offered: All Terms
Course Type(s): MBA.E
The application of the theory of production and the theory of the firm to problems of managerial decision making in a global environment. Application of contemporary microeconomic theory to managerial decision making and to public policy affecting such decisions.

BE-620 Econometrics Credits: 3
Prerequisite(s): BE-511, BE-512, and BM-518
Term Offered: All Terms
Course Type(s): None
Provides a graduate-level introduction to the methodology and tools of econometrics required by finance professionals. Topics include: linear regression, time series modeling, volatility and correlation modeling. Markov switching, limited dependent variable models and Monte Carlo simulation. EViews is used extensively in class. Instructor assumes students have no previous knowledge of EViews.

BE-650 Globalization Credits: 3
Prerequisite(s): BE-512 and BF-515
Term Offered: Spring Term
Course Type(s): MBA.E, MBA.I
Students are introduced to debates on the meaning, causes, and consequences of globalization. The role of trade, finance, labor, multinational corporations, nation-states, international institutions, and civil society will be examined. Benefits of globalization - the potential to create goods and services, employment, income and wealth - will be contrasted with its costs - volatility, contagion, environmental degradation, inequality and poverty. The course will end with a discussion of the management of globalization through global coordination and governance.

BE-698 Special Topics in Economics Credits: 3
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.

BF-515 Financial Markets Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Covers the roles and functioning of the financial markets, financial institutions and regulatory bodies, the principles of valuation of financial assets and the determinants of market interest rates.

BF-516 Business Finance Credits: 1.5
Prerequisite(s): BA-513
Term Offered: All Terms
Course Type(s): None
Principles and techniques of financial analysis: financial planning and control, profit planning and management, valuation theory, capital budgeting, financial structure and the cost of capital.

BF-525 Real Estate Analysis Credits: 3
Term Offered: Spring Term
Course Type(s): None
Real estate financing and appraising. Examination of personal and corporate real estate portfolio strategies. The analysis of specific types of real properties are reviewed. This includes: single-family homes, apartment houses, condominiums, shopping centers, and office and industrial buildings. Also listed as BR-525.

BF-599 Business Research Credits: 3
Term Offered: Spring Term
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.
BF-612  Corporate Finance  Credits: 3
Prerequisite(s): BE-511, BE-512, BF-515, and BF-516
Term Offered: All Terms
Course Type(s): None
Analysis of corporate finance concepts. Financial ratio analysis and forecasts, estimation of cash flows for corporate valuation, cost of capital and optimal capital structure, distributions to shareholders, and financial restructuring. This course will rely on corporate cases and Excel applications.

BF-620  Econometrics  Credits: 3
Prerequisite(s): BE-511, BE-512, and BM-518
Term Offered: All Terms
Course Type(s): None
Provides a graduate-level introduction to the methodology and tools of econometrics required by finance professionals. Topics include: linear regression, time series modeling, volatility and correlation modeling, Markov switching, limited dependent variable models, and Monte Carlo simulation. EViews is used extensively in class. Instructor assumes students have no previous knowledge of EViews.

BF-630  Investments  Credits: 3
Prerequisite(s): BE-511, BE-512, BF-515, BF-516, and BM-518; and BF-612 passed with a grade of B or higher.
Term Offered: Spring Term
Course Type(s): None
The course studies the characteristics of securities of the debt and equity markets with major emphasis on risk and return. It delves into the valuation of these securities based on traditional and modern approaches, security evaluation and selection for portfolio construction and evaluation. The course acquaints students with the valuation and hedging characteristics of options and discusses lessons from the past financial crises and bubbles. The course applies Bloomberg technology.

BF-631  Derivatives  Credits: 3
Prerequisite(s): BE-511, BE-512, BF-515, BF-516, and BM-518; and BF-612 passed with a grade of B or higher.
Term Offered: Spring Term
Course Type(s): None
Covers the primary instruments (forwards, futures and options) of the derivative securities market and their use in investment and corporate financial management. The course applies Bloomberg technology.

BF-632  Financial Markets and Risk Management  Credits: 3
Prerequisite(s): BE-511, BE-512, BF-515, BF-516; and BF-612 passed with a grade of B or higher.
Term Offered: Fall Term
Course Type(s): MBA.E
You will learn about the theories, nature and environment of financial institutions and markets of the United States, especially as it relates to activities of the Federal Reserve System. It includes financial intermediaries, the central and commercial banking systems, the determination of the money supply and interest rates, and an introduction to international financial activities.

BF-650  International Finance  Credits: 3
Prerequisite(s): BE-511, BE-512, BF-515, BF-516; and BF-612 passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): MBA.E, MBA.I

BF-698  Special Topics in Finance  Credits: 3
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student's permanent record. If a prerequisite is required it will be announced in the course schedule.

BF-699  Independent Study in Finance  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering. Under the supervision of a Business Administration faculty member; written evaluation of the research required. Prior permission of the directing professor and department chair is required to take this course.

BR-510  Real Estate Law  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Students will be introduced to the legal issues in the ownership, transfer, and development of real property.

BR-525  Real Estate Analysis  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Students gain insight into basic real-estate finance and valuation theory. Traditional approaches to value are reviewed. Examination of personal and corporate real estate portfolio strategies. The analysis of specific types of real properties are reviewed. This includes: single-family homes, condominiums, shopping centers, and office and industrial buildings. Also listed as BF-525.

BR-527  Real Estate Finance, Investment and Tax  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Designed to introduce students to the world of real-estate finance, including debt and equity issues and securitization.

BR-530  Real Estate Lease and Negotiations  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Students will look at the commercial leasing of real estate, including statutory law, public policy, and landlord-tenant relations, along with the role of the real estate broker.

BR-580  Regulation and Real Estate Development Process  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Real Estate Development analyzes the distinctive roles and perspectives of government and business in the land development process. A step-by-step examination of the phases of a real estate development project from conceptualization to either disposition or lease-up that emphasizes both the management and approval aspects of those phases.

BR-598  Special Topics in Real Estate  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student's permanent record. If a prerequisite is required it will be announced in the course schedule.
BR-599  Independent Study in Real Estate  Credits: 3
Course Type(s): None
Independent research in real estate in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member and with the permission of the program director. Prior permission of the directing professor and department chair is required to take this course.

BR-630  Environmental Land Use and Planning Law and Regulation  Credits: 3
Term Offered: Spring Term
Course Type(s): None
This expands upon the basics of real estate law and development law to examine closely the detailed federal, state and local statutes, regulations and case law that impact the design, planning, and approval of proposed real estate developments and the redevelopment of areas. Case studies of existing developments as well as current developments already in progress will be analyzed.

BR-631  Capital Markets and Real Estate  Credits: 3
Prerequisite(s): BF-515 and BF-516
Term Offered: Fall Term
Course Type(s): None
This course will build upon the foundations laid in the basic Real Estate Finance course. The focus will be upon the "capital stack" including the forms of equity and debt available to finance real estate. The various forms of ownership of real estate will be examined from the perspective of the investors, owners, and lenders. The tax implications of the various forms of ownership will be closely examined to demonstrate the effects of alternative legal structures. Case studies of successful and unsuccessful real estate projects will be used to understand how certain legal structures contributed to the success or failure. The discussion of "bankruptcy remote" entities will be included.

BR-632  Real Estate Valuation and Analysis  Credits: 3
Prerequisite(s): BF-516
Course Type(s): None
Provides students with a basic understanding of the three traditional methods of real property appraisal including the Sales, Cost, and Income Approaches to value. These approaches will be applied to various property types including residential, commercial (retail and office), and industrial properties. Most emphasis will be applied to the Income Approach as it best typifies the expectations of buyers and sellers of commercial properties in the marketplace. Direct and Yield capitalization techniques and applications will be thoroughly reviewed and discussed within the context of litigation valuation assignments.

BR-633  Real Estate Accounting, Taxation and Insurance  Credits: 3
Prerequisite(s): BA-513 and BF-516
Course Type(s): None
This course will provide students with a general understanding of the accounting, taxation and insurance/risk management aspects of real estate and develop a basic understanding of the principles of real estate accounting, taxation, and risk management and their interrelationship in the financial reporting and management of real estate companies to enable a non-accountant to understand generally their implications upon investment, leasing, and development decisions in real estate and to engage in informed discussions with accountants and other financial professionals.

BR-634  Real Estate Lease Negotiations and Analysis  Credits: 3
Course Type(s): None
Designed to introduce the basic terminology of real estate leases and to gain an understanding of the business and legal interests of landlords and tenants and how these interests impact the negotiations of leases. The course will include a discussion of office, retail, shopping center, warehouse, ground and residential leases. Guest speakers will be utilized to demonstrate the practical aspects of lease negotiations. One or more field trips to lease locations will be part of the curriculum.

BR-635  Real Estate Property Management  Credits: 1.5
Prerequisite(s): BR-630
Course Type(s): None
Provides students with a general understanding of the property management of real estate, including commercial, residential and condominium and cooperative properties. The essentials of budgeting, maintenance, tenant and owner relations as well as the business of owning a property management firm are included.

BR-636  Real Estate Sales and Marketing  Credits: 1.5
Prerequisite(s): BK-520
Course Type(s): None
Includes a study of the traditional methods of market analysis of buyers and tenants as well as a focus on the use of social media. The evaluation of the costs and benefits of various types of sales and marketing techniques including case studies will be utilized. A review of the laws regarding marketing including federal truth in lending, discrimination, and interstate sales is included.

BR-637  Real Estate Construction  Credits: 3
Prerequisite(s): BR-630
Course Type(s): None
This course will provide students a basic understanding of the terminology used in construction of real estate projects; the critical path processes required for successful completion of construction; an understanding of different materials used in construction; the evaluation and selection of general contractors, construction managers, and subcontractors; the laws concerning construction and lien laws.

BR-638  Real Estate Planning and Design  Credits: 1.5
Prerequisite(s): BR-630
Course Type(s): None
An understanding of how the planning of a site and the design of the infrastructure and structures on the real estate impacts the feasibility and performance of the project as well as the impact of the project on the surrounding areas.

BR-640  Strategic Case Studies in Real Estate  Credits: 3
Prerequisite(s): BR-631 and BR-632
Term Offered: Spring Term
Course Type(s): None
This "capstone course" will apply the lessons learned in the other real estate courses to actual real estate development projects. Students will dissect actual real estate projects from the perspective of the developer and owner as well as others involved in the financing of the projects. The analysis of critical decision points in planning, marketing, pricing, construction will be examined with the benefit of hindsight. Students will then apply those lessons to current real estate projects.
BR-650  International Real Estate  
Prerequisite(s): BR-630 and BR-631  
Course Type(s): None  
Examines the legal, financial, regulatory, and social aspects of real estate ownership and development in selected international markets. The markets will include Europe, UK, Pacific Rim, Canada, Mexico, China, and other areas. Investment by U.S. companies in these international markets as well as investments in U.S. real estate by foreign investors will be included.

BR-698  Special Topics in Real Estate  
Term Offered: Spring Term  
Course Type(s): None  
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.

BR-699  Independent Study in Real Estate  
Term Offered: All Terms  
Course Type(s): None  
Independent research in Real Estate is for areas of Real Estate not substantially treated in a regular course offering. It is done under the supervision of a Leon Hess Business School faculty member, and written evaluation of the research is required. Prior permission of the directing professor and department chair is required to take this course.

M.B.A. with a Concentration in Finance (BU.BF.MBA)

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or BF-650  International Finance

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Total Credits 57

Admission Requirements

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
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   b. CPA or CFA licensure.
2. Possession of a four-year baccalaureate degree with a minimum GPA of 3.5.
3. Possession of a four-year baccalaureate degree with a minimum GPA of 3.0 and three years full time work experience.
4. Possession of a Master’s or Doctoral degree (MS, MD, JD, PhD, EdD, etc.).
5. Completion of MA117 & MA118 or their equivalents with a grade of "C" or higher.

Applicants must also provide:

2. Essay explaining why the applicant wishes to pursue this graduate program (500 words or less).
3. Two letters of recommendation (optional)

1 The Graduate Record Exam (GRE) will be considered as a substitute for the GMAT on an equivalent basis. LSAT or Engineering certification exams (FE, PE, SE, PS, FS) may be considered in place of the GMAT.

2 The GMAT will be waived for any applicant with a 3.5 or greater GPA.

3 The GMAT will be waived for any applicant with a GPA of 3.0 or greater and 3 years of full time work experience.

M.B.A. with a Concentration in Real Estate (BU.BR.MBA)

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Concentration Requirements (21 credits)

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Business Real Estate (BR) 600-Level Special Topics Class

Business Real Estate (BR) 600-Level Independent Study

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Total Credits 57

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2. Possession of a four-year baccalaureate degree with a minimum GPA of 3.5 \(^2\).
3. Possession of a four-year baccalaureate degree with a minimum GPA of 3.0 \(^3\) and three years full time work experience.
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Management and Leadership

Chair: Stuart Rosenberg, Department of Management and Leadership

Within the Leon Hess Business School students can pursue a number of academic degree programs, including those available in the Department of Management and Leadership.

The program prepares students for success through an effective contemporary business education. The program provides an education that helps to qualify its graduates for positions of leadership in both the private and public sectors. Curricula are developed, taught, and regularly updated by faculty members with strong academic and business experience. The faculty members stress the development of critical thinking, sophisticated communications skills, and a flexible managerial perspective.

Monmouth's program in management offers an interdisciplinary approach that prepares graduates to excel in a variety of management positions.

Programs

- M.B.A. with a Concentration in Management (p. 134)

Faculty

Edward Christensen, Associate Professor (Graduate Faculty). Vice President for Information Management. A.S., George Washington University; B.S., Southern Illinois University; M.B.A., Ph.D., Rutgers University. Specializes in management information systems organization and administration, including the use of information technology to support decision-making and strategy.

Edchrist@monmouth.edu

Scott Jeffrey, Associate Professor (Graduate Faculty). B.S.C., M.B.A., Santa Clara University; Ph.D., University of Chicago. Performs research on the use of incentives and goal setting in organizations. Particularly focuses on non-cash tangible incentives such as travel and merchandise.

Sjeffrey@monmouth.edu

Joseph McManus, Associate Professor (Graduate Faculty). M.B.A., Pepperdine University; J.D., Rutgers University Law School, Camden; Ph.D., Rutgers University. Research interests include organizational misconduct, business ethics, corporate social responsibility, and social entrepreneurship.

Jmcmanus@monmouth.edu

Joseph Mosca, Associate Professor (Graduate Faculty). B.A., M.A., Montclair State University; Ed.D., New York University. Primary specializations are human resource management, human relations, and active teaching methods. His current research interests focus on developing hybrid courses, employee behavior, and jobs of the twenty-first century.

Mosca@monmouth.edu

Roy Nersesian, Professor (Graduate Faculty). B.S., Rensselaer Polytechnic Institute; M.B.A., Harvard Business School. Interests lie in incorporating quantitative content into management course development. Author of ten books on simulation, financial risk management, energy, and energy modeling.

Mnerses@monmouth.edu

Stuart Rosenberg, Professor and Chair (Graduate Faculty). B.A., Marquette University; M.A., University of Wisconsin-Madison; Ph.D., Fordham University. Research interests include case writing, managerial economics, and the relationship between management and culture.

Srosenbe@monmouth.edu

Mikhail M. Sher, Assistant Professor (Graduate Faculty). B.S., Carnegie Mellon University; M.S., Columbia University; Ph.D., Drexel University. Main research interests lie in the areas of inventory control and supply chain management with a focus on optimal order policies and supply chain coordination. Secondary research stream is focused on application of decision sciences tools to accounting, marketing and service operations management.

Msher@monmouth.edu

Michaeline Skiba, Associate Professor (Graduate Faculty). B.S., M.S., Loyola University; M.S., Boston College; Ed.D., Columbia University. Research interests include healthcare education, management challenges within managed care settings, social and behavioral issues associated with pharmaceutical promotions and marketing strategy, and general management.

Mskiba@monmouth.edu

Donald Smith, Associate Professor (Graduate Faculty). B.S., M.S., Ph.D., State University of New York at Albany. Areas of interest include child welfare, substance abuse, and families. Current research includes family reunification for substance-affected families, the Adoption and Safe Families Act, and child welfare consumer and service provider perspectives.

Nsmith@monmouth.edu

Charles Willow, Associate Professor (Graduate Faculty). B.S., M.S., Hanyang University; M.S., Texas Tech University; Ph.D., University of Houston. Research interest includes Digital Business, Management Information System, and E-commerce, Web-based Information Technology, Technological Innovations Management, Technological Entrepreneurship, Intelligent Information Systems, Systems Modeling and Development, Robotics, and Digilog (Digital + Analog) Technology, among others.

Cwllow@monmouth.edu

Courses

BM-198 Special Topics in Management Credits: 1-3
Course Type(s): None
An intensive study of a particular subject or problem in management to be announced prior to registration. May be conducted on either a lecture-discussion or a seminar basis. If a prerequisite is required it will be announced in the course schedule.

BM-200 Introduction to Business Credits: 3
Term Offered: All Terms
Course Type(s): None
An interdisciplinary view of the theory and practices of the components in business functions as they are contingent for the owner's success to seek out opportunities and avoid pitfalls. For non-Business majors only.
BM-201  Survey of Management and Marketing  Credits: 3
Prerequisite(s): BM-200
Term Offered: Spring Term
Course Type(s): None
An overview of the theories and practices of Management and Marketing and how they relate to businesses, the business environment, customers, employees, the global village, and compliance with rules, regulations and the law. For non-Business majors only.

BM-210  A Survey of Entrepreneurship  Credits: 3
Prerequisite(s): BA-200, BE-200, BF-200 BL-200 and BM-200
Course Type(s): None
An overview of the theories and practices that focus on the tasks and activities of the small business owner, from the concept to the reality of researching venture feasibility, financing the business, launching the business, and managing growth. For non-Business majors only.

BM-225  Business Writing and Communication  Credits: 3
Prerequisite(s): EN-101 and EN-102, or permission of the instructor
Term Offered: All Terms
Course Type(s): RD, WT
Designed for the future business professional. It introduces students to a variety of technical and business writing theories and practices relevant to business communications in the real world. The course will cover oral and written communication and how to make communication more effective.

BM-250  Principles of Management and Organizational Behavior  Credits: 3
Term Offered: All Terms
Course Type(s): None
Management functions, including planning, organizing, staffing, directing, and controlling; the theory and practice as they are contingent on the behavior of people in organizations and on the organizational environment. Students must be have Sophomore or higher standing to take this course.

BM-311  Management Information Systems  Credits: 3
Prerequisite(s): BM-250, and IT-100 or IT-150
Term Offered: All Terms
Course Type(s): None
Computer-based information systems for management; retrieval and processing of information for operational planning and control; organizational subsystems.

BM-327  Ethics, Diversity, and Social Responsibility  Credits: 3
Prerequisite(s): BM-250, BK-250, Junior standing and EN-101 and EN-102 or permission of the instructor
Co-requisite(s): BF-301
Term Offered: All Terms
Course Type(s): SJL, WT
Explores and applies alternative ethical and justice viewpoints to economic, political, and social problems inherent in contemporary business practice. Presents a focus on management with an increasingly diverse workforce and increasingly complex criteria for measuring organizational performance.

BM-350  Operations Management  Credits: 3
Prerequisite(s): BM-250
Co-requisite(s): BE-251
Term Offered: All Terms
Course Type(s): None
Production functions with emphasis on the systems model to include product mix decision analysis, inventory control, materials requirements planning, forecasting, break even models, transportation analysis, linear programming, economics order quantity decisions, and other current production maintenance techniques; focus on improved productivity.

BM-388  Cooperative Education: Management Concentration  Credits: 3
Prerequisite(s): BM-250, a minimum G.P.A. of 2.00 and completion of thirty credits, fifteen of which are earned at Monmouth University
Term Offered: Spring Term
Course Type(s): None
An opportunity to apply classroom theory in practice through actual work experience; includes both academic and experiential education. Experiential education involves fifteen to twenty hours of work per week for three credit hours. Academic aspects include reading assignments and a term paper. May be repeated for credit. Departmental approval is required to take this course.

BM-389  Internship in Management  Credits: 1-3
Prerequisite(s): Junior standing, BM-250, BK-250, and a minimum G.P.A. of 2.00
Term Offered: Fall Term
Course Type(s): None
An opportunity to apply classroom theory in practice through actual work experience; includes both academic and experiential learning. Experiential part involves fifteen to twenty hours of work experience per week for three credit hours; academic aspect includes reading assignments and a term paper. Students are limited to nine credits of internship electives. Repeatable twice for credit.

BM-398  Special Topics in Management (300 Level)  Credits: 1-3
Course Type(s): None
An intensive study of a particular subject or problem in management, to be announced prior to registration. The course may be conducted on either a lecture-discussion or a seminar basis. If a prerequisite is required it will be announced in the course schedule.

BM-399  Independent Study in Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent study on a Business Administration topic not substantially treated in a regular course; work will include scheduled conferences with sponsoring professor and written reports. Prior permission of the directing professor and department chair is required to take this course.

BM-402  Business Modeling and Analysis  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher and BM-350
Term Offered: All Terms
Course Type(s): None
Decision-making within a business/management science framework; modeling of business systems/problems and the application of quantitative, statistical, and computer analyses.
BM-403 Management of Technology  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher
Term Offered: Spring Term
Course Type(s): None
The application of management to technology, response to technological organizational structure, and management's role to assess innovations and conflicts of change that affect society and business. Analysis of technical systems and understanding uses of technology.

BM-404 Human Resources Management  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher
Term Offered: All Terms
Course Type(s): None
Employment planning; job analyses, job descriptions, employee evaluations, and legal compliance; staffing and selection process; performance ratings; training and development; compensation and benefits; equal rights; and labor relations and topics relative to the management of human resources.

BM-408 Logistics and Supply Management  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher and BM-350
Term Offered: All Terms
Course Type(s): None
Logistics is an integrative activity uniting suppliers, providers of goods and services, and customers. It is also a global activity where the suppliers, providers, and customers may be located all over the world. In order to emphasize the global aspects of logistics and the impact of geopolitics on logistical systems, the course will focus on the logistics of energy transportation: primarily oil plus liquefied petroleum gases. This course will cover the differing perspectives of users (oil companies) and providers (tanker owning companies) and financial institutions that support providers. International efforts to deal with oil pollution and other forms of pollution from ships will be investigated. The role of trucks, railroads, airlines, and pipelines in domestic logistics will be described along with the role of containerization and intermodalism in global logistics. Supply chain management as practiced by a number of different companies will be covered via lecture and student presentations.

BM-411 Business Data Management  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher, BE-251, BM-311, and Junior standing
Term Offered: Fall Term
Course Type(s): TPS
The objective of Business Data Management (BDM) is to engage the students with a broad introduction to and a basic understanding of the data lifecycle, from its generation, transformation, use, and retirement as a vital capability for conducting any profitable business operation. Emphasis is placed on gaining the ability to organize, process, distribute, and sift through high levels of data in order to make informed, timely, and accurate decisions. Outcomes are assessed through a series of analysis, design, and implementation of digital information systems, encompassing design/modeling, storage, retrieval, and visualization at a fundamental level.

BM-423 Human Relations in Management  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher
Term Offered: Spring Term
Course Type(s): None
Study of human relations in organizations with particular emphasis on leadership, changing work values, cross-cultural relations, legal compliance for conflict resolution, labor legislation.

BM-424 Conflict Resolution and Negotiations  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher, BL-201, and Junior standing
Term Offered: Spring Term
Course Type(s): None
Designed to help students learn the fundamentals of negotiation processes. The course will be taught based upon weekly experiential cases whereby students will assume a role in a negotiation and negotiate with a partner.

BM-432 Hospitality Management and Marketing  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher and BK-250
Course Type(s): None
The goal of this course is to provide the student with an introduction into the hospitality industry and the basics of its many components. We will examine industry trends, the corporate profiles of industry leaders, and the various and diverse schools of thought that exist in the strategic management of hospitality, and, finally, detail all the opportunities that the hospitality industry affords graduates of secondary institutions.

BM-451 Entrepreneurship  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher and BK-250
Term Offered: All Terms
Course Type(s): EX5
Focuses on the actual tasks and activities of the entrepreneur, from the excitement of the original concept, the reality of researching venture feasibility, financing the venture, and launching the venture, to managing growth.

BM-456 Franchising  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher
Term Offered: Spring Term
Course Type(s): None
Explores the practical skills and knowledge needed to create and/or manage a franchise business from the perspective of both a franchisor and a franchisee. Specifically the course develops student capabilities to identify franchising opportunities, to plan and marshal the resources to operate a successful franchise, and to generate value through a franchise platform.

BM-471 Global Management  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher, BK-250, and EN-101 and EN-102 or permission of the instructor
Term Offered: All Terms
Course Type(s): WT
Management activities, processes, and procedures in directing an enterprise on a global basis, including the interplay of diverse, cultural environments.

BM-481 Leadership and Team Development  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher
Term Offered: Fall Term
Course Type(s): None
Designed to help students understand the basics of team functioning, when to use group and individual decision making, and how to manage teams effectively as an influential leader.

BM-482 Small Business Management/Marketing  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher and BK-250
Term Offered: All Terms
Course Type(s): None
Examines the various approaches to running a business that has either been started previously by the Entrepreneurship class or been submitted to us for development and council.
BM-483  Project Management  Credits: 3
Prerequisite(s): BM-250 passed with a grade of C or higher
Term Offered: Spring Term
Course Type(s): None
Project management is introduced from an applied managerial perspective with an emphasis on the behaviors, tools, and topics that managers will encounter throughout the life cycle of a project. The overall project phases of initiating, planning and design, executing, monitoring and controlling, and closing projects will be covered.

BM-488  Cooperative Education: Management Concentration  Credits: 3
Prerequisite(s): BM-250, a minimum G.P.A. of 2.00, and completion of thirty credits, fifteen of which are earned at Monmouth University
Course Type(s): None
An opportunity to apply classroom theory in practice through actual work experience; includes both academic and experiential education. Experiential education involves fifteen to twenty hours of work per week for three credit hours. Academic aspects include reading assignments and a term paper. This course may be repeated for credit. Departmental approval is required to take this course.

BM-489  Internship in Management  Credits: 3
Prerequisite(s): Junior standing, BM-250, BK-250, and a minimum G.P.A. of 2.00
Term Offered: All Terms
Course Type(s): None
An opportunity to apply classroom theory in practice through actual work experience; includes both academic and experiential learning. Experiential part involves fifteen to twenty hours of work experience per week for three credit hours; academic aspect includes reading assignments and a term paper. Students are limited to nine credits of internship electives. Repeatable twice for credit.

BM-490  Strategic Management  Credits: 3
Prerequisite(s): BA-252, BE-202, BF-301, and BM-350
Co-requisite(s): BM-327
Term Offered: All Terms
Course Type(s): EX5
Integrates all disciplines of undergraduate study in business administration; emphasizes analysis of real-world organizational problems and opportunities in the total enterprise; capstone approach to executive development.

BM-498  Special Topics in Management (400 Level)  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
An intensive study of a particular subject or problem in management to be announced prior to registration. May be conducted on either a lecture-discussion or a seminar basis. If a prerequisite is required it will be announced in the course schedule.

BM-499  Independent Study in Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent study on a Business Administration topic not substantially treated in a regular course; work will include scheduled conferences with sponsoring professor and written reports. Prior permission of the directing professor and department chair is required to take this course.

BM-510  Business Analysis, Research and Communication  Credits: 3
Term Offered: All Terms
Course Type(s): None
Skills in critical reasoning and communication are honed by learning fundamentals of rigorous business research through framing and exploring hypotheses on unstructured business problems.
BM-598  Special Topics in Management  Credits: 3
Course Type(s): None
Subject matter varies according to the interest of the students and the professor teaching the course. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.

BM-599  Business Research: Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

BM-613  Managing and Leading in Organizations  Credits: 3
Prerequisite(s): BM-517
Term Offered: All Terms
Course Type(s): None
This course is designed to further develop students’ understanding of the concepts of management and leadership within the complex framework of modern business.

BM-620  Management Science and Business Analytics  Credits: 3
Prerequisite(s): BM-518 and BM-519
Term Offered: All Terms
Course Type(s): MBA.Q
Provides a graduate school introduction to the methodology and tools of Management Science and Business Analytics that are a necessity for all of today’s managers. Students will learn how to model, design and analyze systems. Excel will be used for quantitative analysis and decision-making tools. Students will also learn how to organize, sort and sift through high levels of data in order to make a decision. Also listed as DS-660.

BM-622  Applied Information Systems Management  Credits: 3
Prerequisite(s): BM-518
Term Offered: All Terms
Course Type(s): MBA.Q, MBA.T
Value creations through many applications of data, information, and knowledge are one of the primary objectives of modern business organizations. Applied Information Systems Management focuses on the development of data management skills, which serve as the foundation for extension of learning in the areas of data mining, knowledge management, geographical information systems, and intelligent information systems for business. Emphasis is placed on gaining the ability to organize, sort, and sift through high levels of data in order to make an informed and accurate decision.

BM-630  Project Management  Credits: 3
Prerequisite(s): BM-519 or equivalent
Course Type(s): None
Advanced coverage of both the qualitative and quantitative aspects of effective project management. The project life cycle phases of initiating, planning and design, executing, monitoring and controlling, and closing projects will be extensively covered from an applied managerial perspective.

BM-631  Logistics Supply Chain Management  Credits: 3
Prerequisite(s): BM-517, BM-518, and BM-620 or BM-622
Term Offered: Summer Term
Course Type(s): None
Logistics is an integrative activity uniting suppliers, providers of goods and services, and customers with logistical and supply chain systems binding global participants to fulfill their common interest in a most effective manner.

BM-635  Human Resource and Organizational Development  Credits: 3
Prerequisite(s): BM-517
Term Offered: Spring Term
Course Type(s): MBA.B
Examination of the practices and problems associated with staffing, managing, evaluation, and organizational development. Examination of the practices and problems associated with staffing, leading, and organizational sustainability.

BM-650  International Business  Credits: 3
Prerequisite(s): BM-613
Term Offered: All Terms
Course Type(s): MBA.I, MBA.B
The factors unique to international/global business in both the external environment (cultural, political, legal, technological, economic, financial) and the internal functional decisions made by the firm for sustainable strategic growth, while identifying risk.

BM-660  Corporate Governance and Organizational Ethics  Credits: 3
Prerequisite(s): BM-517
Term Offered: All Terms
Course Type(s): None
The properties of national and global markets and the interests of nation states and nongovernmental organizations are explored in analyzing how sustainable business strategies, corporate governance, and organizational ethics are linked.

BM-670  Strategic Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
A conceptual and capstone approach to business organizing and planning through seminars, case studies, and simulation of global enterprise; the formulation and implementation of competitive strategy.

BM-699  Independent Study in Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research is required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

M.B.A. with a Concentration in Management (BU.BM.MBA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
<td>3</td>
</tr>
<tr>
<td>BE-511</td>
<td>Microeconomics</td>
<td>1.5</td>
</tr>
<tr>
<td>BE-512</td>
<td>Macroeconomics</td>
<td>1.5</td>
</tr>
<tr>
<td>BA-513</td>
<td>Financial Accounting</td>
<td>1.5</td>
</tr>
</tbody>
</table>
Admission Requirements

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT
   b. CPA or CFA licensure.
2. Possession of a four-year baccalaureate degree with a minimum GPA of 3.5.
3. Possession of a four-year baccalaureate degree with a minimum GPA of 3.0 and three years full time work experience.
4. Possession of a Master’s or Doctoral degree (MS, MD, JD, PhD, EdD, etc.).

Applicants must also provide:

2. Essay explaining why the applicant wishes to pursue this graduate program (500 words or less).
3. Two letters of recommendation (optional)

The Graduate Record Exam (GRE) will be considered as a substitute for the GMAT on an equivalent basis. LSAT or Engineering certification exams (FE, PE, SE, PS, FS) may be considered in place of the GMAT.

The GMAT will be waived for any applicant with a GPA of 3.0 or greater and 3 years of full time work experience.

Total Credits 57

Core Requirements (21 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BM-610</td>
<td>Accounting for Managers</td>
<td>3</td>
</tr>
<tr>
<td>BE-611</td>
<td>Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>BF-612</td>
<td>Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>BM-613</td>
<td>Managing and Leading in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>BK-614</td>
<td>Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>BM-660</td>
<td>Corporate Governance and Organizational Ethics</td>
<td>3</td>
</tr>
<tr>
<td>BM-670</td>
<td>Strategic Management</td>
<td>3</td>
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</table>

Concentration Requirements (15 credits)

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BM-620</td>
<td>Management Science and Business Analytics</td>
<td>3</td>
</tr>
<tr>
<td>or BM-622</td>
<td>Applied Information Systems Management</td>
<td></td>
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<tr>
<td>BK-650</td>
<td>International Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>or BM-660</td>
<td>International Business</td>
<td></td>
</tr>
<tr>
<td>BM-631</td>
<td>Logistics Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>BM-630</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>BM-635</td>
<td>Human Resource and Organizational Development</td>
<td>3</td>
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</tbody>
</table>

Marketing and International Business

Chair: Min Hua Lu, Department of Marketing and International Business

Within the Leon Hess Business School (http://www.monmouth.edu/business-school/about-leon-b.-hess.aspx), students can pursue a number of academic degree programs, including those available in the Department of Marketing and International Business.

The program prepares students for success through an effective contemporary business education. The program provides an education that helps to qualify its graduates for positions of leadership in both the private and public sectors. Curricula are developed, taught, and regularly updated by faculty members with strong academic and business experience. The faculty members stress the development of critical thinking, sophisticated communications skills, and a flexible managerial perspective.

Students are primed for leadership through a comprehensive curriculum that prepares them to assume responsibility in every phase of marketing.

Programs

Masters

• M.B.A. with a Concentration in Marketing (p. 137)

Faculty

Michael Chattalas, Assistant Professor (Graduate Faculty). B.S., University of Maryland; M.S., Troy State University; M.Phil., Ph.D., Baruch College, City University of New York. International marketing and consumer behavior topics such as, nation-branding and overcoming national stereotypes, luxury consumption, cross-cultural research, and global entrepreneurship.

mchattal@monmouth.edu

Susan Forquer Gupta, Associate Professor (Graduate Faculty). Director, MBA Program. B.S., M.S., University of Missouri-Columbia; Ph.D., University of Tennessee-Knoxville. Primary interests include international and global marketing and brand management, national culture measures and cultural value dimensions, environment and behavior and the context of decision making, cross cultural virtual teams, and sustainable (environment, societal, and economic) community development.

gupta@monmouth.edu

Min-Hua Lu, Associate Professor and Chair (Graduate Faculty). B.A., M.A., Beijing Institute of Foreign Trade; D.B.A., George Washington University. Primary interests are in strategic marketing management, international/global marketing management, and global sustainability of economics.

mlu@monmouth.edu

Nguyen Pham, Assistant Professor (Graduate Faculty). B.S., Vietnam University; M.B.A., Rutgers University; Ph.D., Arizona State University. Current research is in the area of marketing focusing on consumer behavior, which involves understanding the role of various psychological processes underlying consumers’ judgements and decision making, more specifically: food decision making and consumer well-being; and emotions and consumer-brand relationships.

npham@monmouth.edu

1 The Graduate Record Exam (GRE) will be considered as a substitute for the GMAT on an equivalent basis. LSAT or Engineering certification exams (FE, PE, SE, PS, FS) may be considered in place of the GMAT.

2 The GMAT will be waived for any applicant with a 3.5 or greater GPA.

3 The GMAT will be waived for any applicant with a GPA of 3.0 or greater and 3 years of full time work experience.
Joseph F. Rocereto, Associate Professor (Graduate Faculty). B.A., Dickinson College; M.B.A., Ph.D., Drexel University. Primary research interests are brand anthropomorphization, consumer loyalty, strategic branding, and integrated marketing communications. Other interests include the use of color in marketing communications and the effects of self-concept congruity constraints.

jrocet@monmouth.edu

Courses

**BK-520 Foundations of Marketing Management**  
Course Type(s): None  
Term Offered: All Terms  
Credits: 1.5

As a foundation course, this course provides MBA students with fundamental concepts in marketing management involving companies to satisfy their consumers' objectives through right goods and services based on understanding consumer characteristics and marketing system environments; introducing the marketing mix strategies based on thorough analysis of consumer and market environment, promote, distribute and price products and services to satisfy and organize buyers.

**BK-599 Business Research**  
Course Type(s): None  
Credits: 1-3

Independent research in Business Administration in an area not substantially treated in a regular course offering, under the supervision of a business administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

**BK-614 Marketing Management**  
Prerequisite(s): BK-520  
Course Type(s): None  
Term Offered: All Terms  
Credits: 3

An integrated approach to managing the business function of marketing: planning, organizing, controlling, and measuring the total marketing effort; managerial principles and practices applied to the marketing process.

**BK-620 Marketing Research**  
Prerequisite(s): BK-520  
Course Type(s): MBA.K  
Credits: 3

Tools and techniques for conducting, evaluating, and utilizing marketing research; decisions concerning pricing, promotion, personal selling, consumer behavior, and distribution policies evolving from the research data.

**BK-631 Customer Relationship Management**  
Prerequisite(s): BK-520  
Course Type(s): MBA.K  
Credits: 3

Customer Relationship Management (CRM) is the process of managing all aspects of interactions with customers, including prospecting, sales, promotions and service. The value to marketing is the insights into the company/customer relationship by combining all these views of customer interaction into one picture to improve customer relations, attract new customers, and improve customer retention and profitability.

**BK-632 B2B Marketing**  
Prerequisite(s): BK-520  
Course Type(s): MBA.K  
Credits: 3

This course focuses on the strategies and tactics used for marketing to organizations. The organizations may include businesses, institutions, not-for-profits and governmental agencies. Business marketing recognizes that differences between organizational and consumer buying behavior is important to the marketing approach, as are the complexities of individual marketplaces. Students will learn to recognize the need to tailor marketing solutions to individual organizations (or segments) rather than pursue conventional consumer marketing mix strategies.

**BK-639 Promotional Strategy**  
Prerequisite(s): BK-520  
Term Offered: Fall Term  
Course Type(s): MBA.K  
Credits: 3

Integrated marketing communications including advertising, sales promotion, direct response, personal selling, public relations, and Internet/e-marketing. Focus is on the understanding and developing of promotional strategies from a theory and real-world (case-analysis) approach.

**BK-640 Consumer Behavior**  
Prerequisite(s): BK-614  
Course Type(s): MBA.K  
Credits: 3

An in-depth study of the various perspectives, theories, and contributors to behavior displayed by consumers in the search, purchase, use, evaluation, and disposal of economic goods and services including the decision processes that precede and determine these acts.

**BK-641 Advertising and Media Management**  
Prerequisite(s): BK-520  
Course Type(s): MBA.K  
Credits: 3

An integrated approach to analyzing and managing advertising as an effective element in the promotional mix.

**BK-650 International Marketing Management**  
Prerequisite(s): BK-520  
Course Type(s): MBA.K, MBA.I  
Credits: 3

Strategic marketing decisions for sustainable international and global markets including overall market analysis, market entry decisions, branding decisions, consumer differences, and the external environment factors (culture, climate, political, legal, environment, economic, technological, and competitive) that inform product, pricing, distribution and promotional strategies.

**BK-698 Special Topics in Marketing**  
Prerequisite(s): BK-520  
Course Type(s): None  
Credits: 3

Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student's permanent record.
**BK-699 Independent Research in Marketing**  
**Credits:** 3  
**Prerequisite(s):** BK-520  
**Term Offered:** All Terms  
**Course Type(s):** None  
Independent research in Business Administration in an area not substantially treated in a regular course offering, under the supervision of a business administration faculty member; written evaluation of the research is required. The student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

**M.B.A. with a Concentration in Marketing (BU.BK.MBA)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foundation Requirements (21 credits)</strong></td>
<td></td>
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<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
<td>3</td>
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<tr>
<td>BE-511</td>
<td>Microeconomics</td>
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<tr>
<td>BE-512</td>
<td>Macroeconomics</td>
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<tr>
<td>BA-513</td>
<td>Financial Accounting</td>
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<tr>
<td>BA-514</td>
<td>Managerial Accounting</td>
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<tr>
<td>BF-515</td>
<td>Financial Markets</td>
<td>1.5</td>
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<tr>
<td>BF-516</td>
<td>Business Finance</td>
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<tr>
<td>BK-520</td>
<td>Foundations of Marketing Management</td>
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<tr>
<td>BM-517</td>
<td>Introduction to Management</td>
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<tr>
<td>BM-518</td>
<td>Introduction to Statistics</td>
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<tr>
<td>BM-519</td>
<td>Production and Operations Management</td>
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<td><strong>Core Requirements (21 credits)</strong></td>
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<tr>
<td>BA-610</td>
<td>Accounting for Managers</td>
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<tr>
<td>BE-611</td>
<td>Managerial Economics</td>
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<td>BF-612</td>
<td>Corporate Finance</td>
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<td>BM-613</td>
<td>Managing and Leading in Organizations</td>
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<td>BK-614</td>
<td>Marketing Management</td>
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<td>BM-660</td>
<td>Corporate Governance and Organizational Ethics</td>
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<td>BM-670</td>
<td>Strategic Management</td>
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<td><strong>Concentration Requirements (15 credits)</strong></td>
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<tr>
<td><strong>Data Analysis</strong></td>
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<td>BM-620</td>
<td>Management Science and Business Analytics</td>
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<td><strong>Global</strong></td>
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<td>BK-650</td>
<td>International Marketing Management</td>
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<td>Select three of the following:</td>
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<tr>
<td>BK-639</td>
<td>Promotional Strategy</td>
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<tr>
<td>BK-640</td>
<td>Consumer Behavior</td>
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<tr>
<td>Business Marketing (BK) 600-Level Special Topics Class</td>
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<tr>
<td>Business Marketing (BK) 600-Level Independent Study</td>
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</tr>
<tr>
<td>BK-641</td>
<td>Advertising and Media Management</td>
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</tr>
</tbody>
</table>

**Total Credits:** 57

**Admission Requirements**

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT\(^1,2,3\)
   b. CPA or CFA licensure.
2. Possession of a four-year baccalaureate degree with a minimum GPA of 3.5\(^2\).
3. Possession of a four-year baccalaureate degree with a minimum GPA of 3.0\(^3\) and three years full time work experience.
4. Possession of a Master's or Doctoral degree (MS, MD, JD, PhD, EdD, etc.).

Applicants must also provide:

2. Essay explaining why the applicant wishes to pursue this graduate program (500 words or less).
3. Two letters of recommendation (optional)

1 The Graduate Record Exam (GRE) will be considered as a substitute for the GMAT on an equivalent basis. LSAT or Engineering certification exams (FE, PE, SE, PS, FS) may be considered in place of the GMAT.
2 The GMAT will be waived for any applicant with a 3.5 or greater GPA
3 The GMAT will be waived for any applicant with a GPA of 3.0 or greater and 3 years of full time work experience.
SCHOOL OF EDUCATION

Dean: John E. Henning, Ph.D.

Associate Dean: Wendy Harriott, Ph.D.

Assistant Dean: Tracy Mulvaney, Ed.D.

The School of Education (SOE) was established in 1995 to broaden and increase support for Monmouth University's education programs. The goal of the School is to provide highly effective programs to prepare practitioners who can help all students learn in diverse school settings. Candidates are mentored by a diverse faculty that models best practices grounded in evidence-based research. The School seeks to foster collaboration and partnerships among University faculty, students, staff, school practitioners, and community representatives to improve student achievement. Programs are rooted in the belief that all students can learn and are guided by four key themes:

1. the importance of both pedagogical and content knowledge and with a commitment to lifelong learning.
2. an emphasis on collaboration and partnerships with schools and local communities,
3. the essential role played by cultural diversity and individual differences in the teaching/learning process, and
4. the need to develop educational leadership skills consistent with professional ethics.

The School of Education's mission is to be a leader in the preparation of highly competent, reflective professional educators (e.g., teachers, administrators, school counselors, speech-language pathologists, behavior analysts, student affairs specialists, and reading specialists) who have the knowledge, 21st-Century skills, and dispositions required to improve the teaching and learning of students in a highly pluralistic democratic society. Toward this end, our candidates are prepared to serve all students from diverse identities in terms of abilities, age, culture, race, ethnicity, family, lifestyle, and socioeconomic status.

The School of Education consists of four departments:

Department of Curriculum and Instruction

Master of Arts in Teaching (M.A.T.)
The Department of Curriculum and Instruction offers a Master of Arts in Teaching (M.A.T.) degree that leads to an initial certification in:

- Elementary Track (p. 149),
- Secondary Track (p. 154),
- K-12 Track for Art or Music (p. 151),
- K-12 Track for Health and Physical Education (p. 153)
- K-12 Track for Chinese and Spanish (p. 152)

The M.A.T. tracks have options for combining various endorsements:

- English as a Second Language (ESL), (p. 139)
- Teachers of Students with Disabilities (TSD), (p. 139)
- Subject Endorsement in Chinese – Certificate of Eligibility with Advanced Standing (CEAS), (p. 139)
- Bilingual/Bicultural (p. 158)

M.S.Ed. in Literacy
- Literacy (p. 157)

Master of Education (M.Ed.)
- Master of Education (M.Ed.) (p. 158)

Certificate
- Teaching English to Speakers of Other Languages (TESOL) (p. 158)

Graduate Endorsement
- Early Childhood (P-3) (p. 158)

Department of Special Education

M.S.Ed. in Special Education
- Autism (p. 180)
- Autism and Applied Behavior Analysis (p. 181),
- Teacher of Students with Disabilities (p. 182),
- Learning Disabilities Teacher – Consultant Track or (p. 181)
- with Supervisor Endorsement (p. 183)

Graduate Endorsement
- Teacher of Students with Disabilities (p. 184)
- Learning Disabilities Teacher Consultant (post-master's endorsement) (p. 184)

Certificate Programs
- Autism (p. 183), taught completely online
- Applied Behavior Analysis (ABA) (p. 183), taught completely online

Department of Educational Counseling and Leadership

Master of Science in Education (M.S.Ed.)
- Principal (p. 172) (with an option for Principal/School Administrator/Supervisor (p. 171)),
- School Counseling (p. 172),
- Student Affairs and College Counseling (p. 173),

Graduate Endorsements
- Student Assistance Coordinator (p. 174)

Post-master’s Endorsements
- Supervisor (p. 175)
- Director of School Counseling Services (p. 173)

Doctorate (Ed.D.)
- Educational Leadership (p. 175)
- Educational Leadership - Higher Education Track (p. 176)

Department of Speech Pathology

Master of Science in Education (M.S.Ed.)
- Speech-Language Pathology (p. 187)

The SOE programs emphasize state and national curriculum standards with research-based best practice designed to improve student learning and prepare P-12 students to be successful in the 21st-century global economy. Programs are designed to improve a candidate's critical thinking, communication, and problem-solving skills as these apply to core competencies to P-12 student learning. The School's programs also integrate state-of-the-art instructional technologies that can be applied in K-12 classrooms, school administrative practices and educational...
counseling. The School has its own computer lab and offers online, hybrid, and Web-enhanced courses.

The School’s graduate faculty members are experienced practitioner-scholars whose teaching reflects the most recent theoretical approaches and research that candidates can apply as best practice in diverse classroom and school settings. These governing principles are utilized to develop effective schools and improve student learning. All programs incorporate integrated, clinical field experiences to enable candidates to work with students in school settings and encourage interaction with teachers, administrators, and community stakeholders.

Curriculum and Instruction
Chair: Ruth Morris, Department of Curriculum and Instruction

Master of Arts in Teaching (M.A.T.)
M.A.T. students are expected to have completed the content discipline prior to beginning the graduate program. Some Monmouth University students are admitted to graduate study before a coherent sequence of at least thirty credits in a recognized liberal arts discipline (e.g., art, English, mathematics) has been completed. These students are expected to complete all remaining undergraduate course work at Monmouth University. In cases where the students are unable to take the appropriate classes at Monmouth due to time conflicts, the student may be given permission to take one or all of these discipline-specific courses at a two-year institution. In these limited cases, the Monmouth University M.A.T. students who obtain permission to enroll at two-year institutions while in the M.A.T. program may transfer the credits to Monmouth during their last semester in the M.A.T. program. These credits will be posted to a Monmouth University undergraduate transcript after completion of their M.A.T. program.

Curriculum and Instruction also offers certificate programs. The post-baccalaureate Teaching English to Speakers of other Languages (TESOL) Certificate program provides training to those who are not certified K-12 classroom teachers but are interested in receiving formal TESOL training. This training enables them to teach English as a Second Language in adult communities or abroad.

The subject endorsement in Chinese - Certificate of Eligibility with Advanced Standing (CEAS) is a twenty-four-credit non-degree program (fifteen credits of course work and nine credits of student teaching) that prepares teachers for K-12 Chinese classrooms. Students may apply directly to the program after earning a bachelor’s degree in the Chinese language and culture or equivalent. Students with a strong Chinese language and culture background who are seeking a career change to become a first-time teacher may also apply.

The programs in teacher preparation link research and practice by ensuring candidates have the opportunity to work with students, teachers, and school leaders in a wide range of local school, university, and community settings. They are designed to instill a commitment to lifelong learning. Undergraduate and graduate teacher education candidates must complete an approved content area major (e.g., Art, Biology, English, History, Mathematics, and Spanish) or equivalent to be recommended for the Early Childhood, Elementary, or Content Teaching Credential in New Jersey.

Programs
Masters
- MAT Initial Certification, Elementary Track (K-6 Elementary Certification) (p. 149)
- MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in English as a Second Language (ESL) (p. 150)
- MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in Teacher of Students with Disabilities (p. 150)
- MAT Initial Certification in Art or Music (K-12 Certification and Subject Endorsement) (p. 151)
- MAT Initial Certification with Endorsements in K-12 Certification in Health and Physical Education (p. 153)
- MAT Initial Certification, K-12 (Certification K-12 Track and Subject Endorsement); K-12 Certification in: Spanish or Chinese (p. 152)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) (p. 154)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language (p. 155)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in Teacher of Students with Disabilities (p. 156)
- MAT Initial Certification, Spanish or Chinese (K-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language (p. 157)
- MSEd Literacy (p. 157)
- Master of Education (MEd) (p. 158)

Certificate
- Certificate in TESOL (p. 158)

Endorsements
- Bilingual/Bicultural Graduate Endorsement (p. 158)
- Early Childhood Graduate Endorsement (p. 158)
- English as a Second Language (ESL) Graduate Endorsement (p. 159)
- Subject Endorsement in Chinese - Certificate of Eligibility with Advanced Standing (CEAS) Graduate Endorsement (p. 159)

Faculty
Judith Bazler, Professor (Graduate Faculty). B.S., Northern Illinois University; M.Ed., Ed.D., University of Montana. Specialty is curriculum design and science education and informal science (e.g., museums). Founder of the Smart Discovery Center, Bethlehem, Pennsylvania.
jbazler@monmouth.edu

Antonio Estudillo, Associate Professor (Graduate Faculty). B.S., Washington State University; M.A., Gonzaga University; M.S., Ph.D., Indiana University. Professional interests include educational foundations and diversity.
aestudil@monmouth.edu

John Henning, Professor (Graduate Faculty).
Dean of the School of Education. B.S., Pennsylvania State University; M.Ed., Kent State University; A.D., Stark State College; Ph.D., Educational Psychology, Kent State University, Ohio. Dr. Henning has more than 50 publications; including three books, over thirty refereed journal articles, and seven book chapters. His primary research interests include practice-based teacher education, teacher development, instructional decision-making, and classroom discourse. These interests developed from more than twenty years of experience as a high school teacher.
jhenning@monmouth.edu

Jiwon Kim, Associate Professor (Graduate Faculty). B.A., Dong-Guk University; M.S., Case Western Reserve University; Ph.D., Purdue University. Research interests include social studies education and foundations of education with a specific focus on the philosophy of education.
vzambak@monmouth.edu

Kerry Rizzuto, Associate Professor and M.Ed. P3 Program Director (Graduate Faculty). M.A., Brooklyn College; Ed.D., Rowan University. Research interests include early childhood development with an emphasis on literacy, and developing culturally responsive pedagogical practices in pre-service and in-service teachers, while working with culturally and linguistically diverse children.
krizzuto@monmouth.edu

Alex Romagnoli, Associate Professor, M.A.T. Program Director and Chair, Special Education (Graduate Faculty). B.S., M.Ed., East Stroudsburg University; Ph.D., Indiana University of Pennsylvania. Professional interests include multimodality, multiliteracies, graphic novels in academic contexts, and popular culture.
aromagno@monmouth.edu

Lilly Steiner, Associate Professor and M.S.Ed. Literacy Program Director (Graduate Faculty). B.A., University of Wisconsin; M.A., University of North Dakota; Ed.D., Boston University. Research interests include family literacy and creating strong home-school partnerships.
lsteiner@monmouth.edu

Chi-Yin Wong, Associate Professor, M.Ed. ESL Program Director (Graduate Faculty). B.A., Brigham Young University; M.A., Ph.D., Texas Tech University. Professional interests include English as a Second Language (ESL), second language pedagogy, and second language teacher education.
cwong@monmouth.edu

Vecihi S. Zambak, Assistant Professor (Graduate Faculty). B.S., M.S., Bogazici University, Istanbul, Turkey; M.S., University of Amsterdam; Ph.D., Clemson University. Research interests center around the development of pre-service mathematics teachers' content knowledge in technolog-driven learning environments with a focus on reasoning, justification, and proof.
vzambak@monmouth.edu

Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Term Offered</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ED-EDTPAGR</td>
<td>Education Preparation Voucher Fee for Graduate Students</td>
<td>All Terms</td>
<td>None</td>
</tr>
<tr>
<td>ED-507</td>
<td>Issues and Problems in Education</td>
<td>Spring Term</td>
<td>3</td>
</tr>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>All Terms</td>
<td>3</td>
</tr>
<tr>
<td>ED-524</td>
<td>Research in Teaching Practice</td>
<td>Spring Term</td>
<td>3</td>
</tr>
<tr>
<td>ED-528</td>
<td>Middle Level Learning and Teaching</td>
<td>Spring Term</td>
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</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>None</td>
<td>3</td>
</tr>
<tr>
<td>ED-533</td>
<td>Contemporary Issues in Science Education</td>
<td>None</td>
<td>3</td>
</tr>
</tbody>
</table>

Term Offered: All Terms
Course Type(s): None

Major issues and problems affecting education are presented with historical perspectives for understanding the context in which these concerns arose.

Research in education related to contemporary teaching practice will be emphasized. Introduction to qualitative and quantitative approaches from different theoretical perspectives is presented. Content will include: literature reviews, analysis and implication of existing research, classroom observation skills, and the role of the teacher as reflective practitioner. For Education majors only.

The candidate will examine aspects of middle level schooling that are responsive to the nature and needs of adolescents. The candidate will apply knowledge of adolescents' cognitive and affective development to design learning environments that are structured for the diverse students that we encounter in our public schools and to create and implement learning experiences that effectively promote academic achievement and personal growth for all middle grade students. Clinical hours required.

Course Type(s): None

Designed to focus on the development of literacy through the integration of literature and literate thinking across the curriculum for academic-content learning at the secondary level. It emphasizes the implementation of both teaching and learning strategies to develop independent learners. The course includes research-based pedagogical strategies for teaching linguistically diverse students, students with diverse learning needs, and incorporating instructional technology into the classroom. Clinical Practice is required. Limited to Education majors.

Examines current topics of special interest in science content and curriculum to a variety of students. Can be designed individually, based on strengths of students and their interest in personal professional development in an area of concentration in science curriculum. Valuable for practicing teachers at the elementary, middle, or high school level and/or those who wish to learn more about science teaching and content.
### ED-536  Applied Linguistics for Language Teaching  
**Credits:** 3  
**Term Offered:** Summer Term  
**Course Type(s):** None  
Described as an introductory course to the concepts of linguistics as related to bilingual education and the teaching of English as a second language. Students will learn about the structural aspects of linguistics, including morphology (words), syntax (sentence patterns), semantics (the meaning of words), phonetics and phonology (the sounds of language), and English grammar. Students will gain familiarity with important theories, research, and how the English language works. Education majors only.

### ED-537  Science and Society in the Twenty-First Century  
**Credits:** 3  
**Course Type(s):** None  
Examines the developments in science knowledge and their impact on society over the last century and predicts changes that might occur in the twenty-first century. We are the only species on earth that has the power to change our environment and the ability to comprehend the universe. Students will explore major scientific advances over the past 100 years and the resulting problems that these advances have wrought. Valuable for practicing teachers at the elementary, middle, or high school level and/or those who wish to learn more about the history and sociology of science.

### ED-550  Teaching English Language Learners in Mainstream Classroom  
**Credits:** 3  
**Prerequisite(s):** ED-510  
**Term Offered:** All Terms  
**Course Type(s):** MAT, SJEDU  
Offered to address issues and research-based pedagogical strategies of teaching English language learners in today’s mainstream classrooms. Teacher candidates will explore a variety of instructional strategies and develop cultural knowledge and its application in teaching English language learners. The course also includes incorporating instructional technology into the classroom, and utilizing data to inform instruction.

### ED-552  Child and Adolescent Development  
**Credits:** 3  
**Term Offered:** All Terms  
**Course Type(s):** EDFOU  
Provides an introduction to the field of human development. The content covers the major concepts and theories of child and adolescent growth and development from the prenatal period through the teenage years. The purpose of the course is to discuss the historical, cultural, and philosophical groundings of the concepts and practices of children’s learning and development and to promote the student’s critical thinking skills with respect to those concepts. Through research, educational activities, and observations the course is designed to provide students a framework for promoting a holistic view of development and learning in infants, children, and adolescence, while considering how to nurture diversity and equity. This course includes utilizing data to inform instruction. For Education majors only.

### ED-554  Supplemental Instruction in Reading and Mathematics  
**Credits:** 3  
**Prerequisite(s):** ED-556 and EDL-575  
**Course Type(s):** MAT  
Focuses on supplemental instruction for reading and mathematics in educational settings from grades 6-8 but draws heavily on assessment and analysis of student errors from Pre-K to grade five as well. Extensive opportunities for diagnosis and planning for remedial intervention in reading and mathematics will be provided.

### ED-556  Teaching Elementary Mathematics  
**Credits:** 3  
**Prerequisite(s):** ED-510, ED-550, and ED-552  
**Term Offered:** All Terms  
**Course Type(s):** None  
ED 556 is designed to provide a profound understanding of the concepts taught in elementary school mathematics. Teacher candidates will participate in activities and learn techniques to foster conceptual development in young learners, thus producing confidence and success in the learning of mathematics. The essential elements of instruction, assessment, grouping strategies, and effective questioning are illustrated and honed when planning to address the instructional needs for diverse learners in mathematics. This course contains foundational knowledge which will be used during the clinical practice performance assessment. It will include research-based pedagogical strategies for teaching linguistically diverse students, those with special needs, using instructional technology and using data to inform instruction. Clinical practice hours required.

### ED-562  Methods of Teaching Science at the Elementary Level  
**Credits:** 3  
**Prerequisite(s):** ED-510, ED-550, and ED-552  
**Term Offered:** All Terms  
**Course Type(s):** None  
Science methods for elementary education students is designed for those without a strong background in science (although those with a strong background will also benefit greatly from this course). The intent of this course is to provide an integrated perspective of teaching science from pre-kindergarten through grade 5. This course will provide active learning of science concepts through various inquiry activities. Following the learning theories that have produced both the Next Generation Science Standards and the New Jersey Core Curriculum Content Standards for science, this course will utilize projects, cases and problems in real world settings using a diversity of instructional methods and strategies to provide each student with the opportunity to learn how to teach inquiry and problem-solving across the sciences. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Clinical practice hours required. Education majors only.

### ED-563  Assessment and Treatment of Literacy Problems  
**Credits:** 3  
**Prerequisite(s):** EDL-503  
**Term Offered:** Spring Term  
**Course Type(s):** None  
Focus is on authentic assessment and corrective teaching strategies to address literacy problems from a developmental perspective. Techniques and methods for at-risk learners will be emphasized. Strategies that guide students to self-monitor their literacy acquisition will be addressed.
ED-564  Secondary Mathematics Methods, Part I  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552 and a minimum G.P.A. of 3.00
Term Offered: All Terms
Course Type(s): None
Focus is on the teaching of secondary mathematics. It is intended to deepen future secondary school teachers' understanding of the secondary mathematics curriculum and build their competencies at the level of instructional implementation. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Essential elements of effective instruction, including inquiry based learning, implementing tasks that promote reasoning and problem-solving, assessment, facilitating meaningful mathematical discourse, eliciting and using evidence of student thinking, grouping strategies and effective questioning are explored as these are techniques utilized to bring conceptual understanding of mathematics to all learners. The fieldwork component of the course requires clinical practice hours in a secondary public school mathematics classroom and provides candidates with opportunities to translate theory into practice. "Clinical practice hours required."

ED-565  Secondary Mathematics Methods Part II  Credits: 3
Prerequisite(s): ED-564 and a minimum G.P.A. of 3.00
Term Offered: All Terms
Course Type(s): None
The second course in a sequence intended to deepen future secondary school teachers' understanding of the secondary mathematics curriculum and build their competencies at the level of instructional implementation. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Essential elements of effective instruction, including inquiry based learning, implementing tasks that promote reasoning and problem solving, assessment, facilitating meaningful mathematical discourse, eliciting and using evidence of student thinking, grouping strategies and effective questioning are explored as these are techniques utilized to bring conceptual understanding of mathematics to all learners. The fieldwork component of the course requires clinical practice hours in a secondary public school mathematics classroom and provides candidates with opportunities to translate theory into practice. Clinical practice hours required.

ED-566  Methods of Teaching Science at the Secondary Level I  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
Science methods at the secondary level is designed for those with a background in science. The intent of this course is to provide an integrated perspective of teaching science from grade 7-12. This course will provide active learning of science concepts through various inquiry activities. Following the learning theories that have produced both the Next Generation Science Standards and the New Jersey Core Curriculum Content Standards for science, the course will utilize projects, cases, and problems in real work settings using a diversity of instructional methods and strategies to provide each student with the opportunity to learn how to teach inquiry and problem-solving across the sciences. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction.

ED-567  Methods of Teaching Science at the Secondary Level II  Credits: 3
Prerequisite(s): ED-566
Term Offered: All Terms
Course Type(s): None
Science methods for initial M.A.T. students at the secondary level is designed for those with a strong background in science. The intent of this course is to provide active learning of science concepts through various inquiry activities. Following the learning theories that have produced both the Next Generation Science Standards and the New Jersey Core Curriculum Content Standards for science, this course will utilize projects, cases, and problems in real-world settings using a diversity of instructional methods and strategies to provide each student with the opportunity to learn how to teach inquiry and problem-solving across the sciences. This course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Clinical Practice hours required.

ED-576  Teaching Social Studies at the Elementary Level  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
Introduces the P-8 teacher certification candidates to the social studies curriculum and methods. Emphasizes national and state standards for social studies education, cross-cultural integration, particularly world languages and culture, personal and social problem solving, situated cognition in social studies education learning. The essential elements of planning, instruction using technology, and assessment are explored to address the needs of culturally and linguistically diverse learners in social studies education. Clinical Practice is required. Education majors only.

ED-578  Methods of Teaching English at the Secondary Level  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
As a component of the teach-education program, the intention is to introduce to future secondary English/Language Arts teachers the fundamental concepts of curriculum design and instructional planning. To also introduce a variety of approaches to curriculum design with an emphasis on the two distinct but important goals of language arts education: developing general literacy skills and discovering the inner joy of reading literature and using language as a tool for communication. Topics related to decision-making, classroom management, and instructional planning are treated in depth to help prospective teachers master the base competencies at the level of planning to fulfill the requirement for state and national certification. The course includes research-based pedagogical strategies for utilizing data to inform instruction. Education majors only.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
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<tbody>
<tr>
<td>ED-579</td>
<td>Teaching Social Studies and Cultural Education at the Secondary Level</td>
<td>3</td>
<td>ED-510, ED-550, and ED-552</td>
<td>All Terms</td>
<td>MAT</td>
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<td>Introduces the middle-and secondary-level teacher certification candidate</td>
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<td>to social studies curriculum and methods. Emphasizes national and state</td>
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<td>standards for social studies education curriculum across the traditional</td>
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<td>social science disciplines. The course will also explore the philosophical</td>
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<td>and theoretical foundations of social studies education. It provides the</td>
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<td>candidates with practical strategies necessary for success in teaching</td>
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<td>culturally and linguistically diverse students and students with diverse</td>
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<td>learning needs, utilizing instructional technology, and using research and</td>
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<td>data to assess and inform instruction in the context of social studies.</td>
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<td>Education majors only.</td>
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<td>ED-580</td>
<td>Secondary Social Studies Education Part II</td>
<td>3</td>
<td>ED-579</td>
<td>All Terms</td>
<td>None</td>
<td>None</td>
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<td>Expands and further develops competencies covered in Part I.</td>
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<td>Instructional methodologies focusing on a constructivist and student-</td>
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<td>centered approach, using instructional technology, will be explored.</td>
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<td>Targets strategies for future secondary teachers to teach culturally and</td>
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<td>linguistically diverse students and students with diverse learning needs</td>
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<td>and to meet the New Jersey Core Curriculum Content Standards for Social</td>
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<td>Studies to include: infusing Economics and Geography into the curriculum,</td>
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<td>developing greater technology coalescence, extending cross-curriculum</td>
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<td>lesson plans, embracing a pluralistic approach, and expanding multicultural</td>
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<td>themes. Course design will foster the development of effective inquiry-based</td>
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<td>curriculum activities making active use of community-based resources and</td>
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<td>using research and assessment data to inform instruction in the context of</td>
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<td>social studies. Clinical Practice hours required.</td>
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<td>ED-582</td>
<td>World Language Education</td>
<td>3</td>
<td>ED-529, ED-550, and FO-599</td>
<td>All Terms</td>
<td>None</td>
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<td>Issues and practices in world language education. Fieldwork is required.</td>
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<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
<td>3</td>
<td>ED-529, ED-550, and EN-563</td>
<td>All Terms</td>
<td>MAT</td>
<td>None</td>
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<td>With an emphasis on teaching English as a Second Language through</td>
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<td>content, Part I of this two-semester course will introduce the history of</td>
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<td>ESL teaching and critically explores exemplary curriculum designs and</td>
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<td>methods of teaching ESL. A wide range of ESL instructional materials,</td>
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<td>instructional technology, services, and assessment measures will be</td>
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<td>introduced and practiced, with an emphasis on standard-based content</td>
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<td>and ESL teaching. Both instructional design and implementation will</td>
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<td>be the focus for practice, with embedded language acquisition/learning</td>
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<td>theories and research studies carefully examined. Clinical hours required.</td>
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<td>ED-584</td>
<td>Theories and Practice of ESL Instruction Part II</td>
<td>3</td>
<td>ED-583</td>
<td>All Terms</td>
<td>None</td>
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<td>A continuation of ED-583, this course examines public issues pertinent to</td>
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<td>ESL education with an emphasis on making connections between theories or</td>
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<td>research findings and classroom practice. More approaches to ESL</td>
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<td>instruction will be introduced with an emphasis on various strategies,</td>
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<td>techniques and instructional technology for teaching specific language</td>
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<td>skills in a standards-based content and ESL teaching program. Reflective</td>
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<td>practice is an integral part of this course. Limited to Education majors only.</td>
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<td>ED-585</td>
<td>Methods of Teaching English at the Secondary Level Part II</td>
<td>3</td>
<td>ED-578</td>
<td>All Terms</td>
<td>None</td>
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<td></td>
<td>A continuation of ED-578: Methods of Teaching English at the Secondary</td>
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<td>Level Part I. Part II provides in-depth preparation to teacher candidates</td>
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<td>desiring to teach English/Language Arts at the secondary level by extending</td>
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<td>the essential knowledge, skills, and strategies grounded in research and</td>
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<td>related to effective classroom instruction. Teacher candidates will have</td>
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<td>increased opportunities to apply theory and refine practice in the use of</td>
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<td>print and non-print texts and in the integration of the English Language</td>
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<td>Arts through clinical practice. The NCTE/ILA and the New Jersey Core</td>
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<td>Content Curriculum Standards will be an integral part of the course. The</td>
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<td>course includes research-based pedagogical strategies for teaching students</td>
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<td>with diverse needs, incorporating instructional technology into the classroom,</td>
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<td>and utilizing data to inform instruction. Clinical practice is required.</td>
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<td>ED-586</td>
<td>Bilingual Education: Theories and Practices</td>
<td>3</td>
<td>ED-583</td>
<td>Spring Term</td>
<td>None</td>
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<td>Emphasis on teaching content in bilingual/bicultural education, an</td>
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<td>understanding of bilingual development and available dual- language program</td>
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<td>models for language and literacy development. How bilingual/ bicultural</td>
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<td>programs based on community needs can be developed, implemented, and assessed</td>
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<td>will be explored with the embedded theories and research studies in</td>
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<td>bilingual/bicultural education carefully examined. Clinical experience hours</td>
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<td>ED-587</td>
<td>Integrated Methods in K-12 Education</td>
<td>3</td>
<td>ED-510, ED-550, and ED-552</td>
<td>All Terms</td>
<td>None</td>
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<td>Deepens future K-12 school teachers’ understanding of the complexities of</td>
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<td>the curriculum and builds their competencies at the level of</td>
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<td>instructional implementation in specific subject areas. Focuses on a</td>
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<td>broad spectrum of instructional methodologies and techniques that are</td>
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<td>workable in today’s classroom. A constructivist approach to planning and</td>
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<td>instruction will be emphasized. The experiential component of the course</td>
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<td>provides the students with opportunities for clinical work in the</td>
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<td>classroom, strengthening competencies and deepening understanding. The</td>
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<td>linguistically diverse students, those with diverse learning needs,</td>
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<td>incorporating instructional technology into the classroom and utilization</td>
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<td>data to inform instruction. Education majors only. Clinical Practice hours</td>
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ED-593 Clinical Practice
Co-requisite(s): ED-EDTPA
Term Offered: All Terms
Course Type(s): None
This full-time, full-semester clinical practice in a school setting required clinical interns to observe, plan, instruct, and assess P-12 students collaborating with a cooperating teacher and university faculty. Clinical interns complete an edTPA portfolio and analyze their instruction and the effect on student achievement. In addition, there are on-campus seminars, focus groups and an online component. All aspects of the requirements are linked to the New Jersey Student Learning Standards (NJSLS) the New Jersey Professional Standards for Teachers (NJPST), and national Specialty Professional Association (SPA) standards. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Permission of the MAT director is required to register.

ED-594 Supervised Clinical Practice
Co-requisite(s): ED-EDTPA
Term Offered: Spring Term
Course Type(s): None
This full-time, full-semester clinical practice in a school setting requires clinical interns to observe, plan, instruct, and assess P-12 students collaborating with a cooperating teacher and university faculty. Clinical interns complete an edTPA portfolio and analyze their instruction and the effect on student achievement. In addition, there are on-campus seminars, focus groups and an online component. All aspects of the requirements are linked to the New Jersey Student Learning Standards (NJSLS) the New Jersey Professional Standards for Teachers (NJPST), and national Specialty Professional Association (SPA) standards. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Permission of the MAT director is required to register.

ED-596 Methods of Teaching Elementary Physical Education and Health
Prerequisite(s): ED-510, ED-550, and EDS-500 and a minimum G.P.A. of 3.00
Term Offered: Spring Term
Course Type(s): None
Focuses on the planning, implementing, and assessing of competency-based physical education and skill-based health in elementary settings. Preservice teachers will learn pedagogical strategies related to teaching culturally and linguistically diverse students and students with diverse (special) needs in addition to using instructional technology, research-based best practices, and assessment data to inform instruction in elementary physical education and health. The course will utilize a lecture-based format and lab-based activities to prepare preservice teachers to develop physical literacy and health literacy for PreK-5 students. Clinical practice hours are required in accordance with New Jersey State statues. Education majors only.

ED-597 Methods of Teaching Secondary Physical Education and Health
Prerequisite(s): ED-510, ED-550, and EDS-550 and a minimum G.P.A. of 3.00
Course Type(s): None
Focuses on the planning, implementing, and assessing of competency-based physical education and skill-based health in elementary settings. Preservice teachers will learn pedagogical strategies related to teaching culturally and linguistically diverse students and students with diverse (special) needs in addition to using instructional technology, research-based best practices, and assessment data to inform instruction in elementary physical education and health. The course will utilize a lecture-based format and lab-based activities to prepare preservice teachers to develop physical literacy and health literacy for 6th-12th grade students. During lab-based activities, preservice teachers will plan and implement physical education and health lessons to peers and 6th-12th grade students. Clinical practice hours are required in accordance with New Jersey State statues. Education majors only.

ED-598 Special Topics in Education
Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student’s transcript. Permission of the program director is required. If a prerequisite is required it will be announced in the course schedule.

ED-599 Independent Study in Education
Term Offered: All Terms
Course Type(s): MAT
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course.

ED-601 Principles of Technology and Theoretical Foundations for Instructional Technology
Term Offered: Fall Term
Course Type(s): OL
The purpose of this course is to explore the broad and dynamic field of educational technology and how to meaningfully, purposefully, and effectively enhance learning experiences through technology integration. Specifically, the course will examine educational technology plans, current theories, recent research, and trends in the field while also exploring challenges to effective educational technology programs in K-12 settings. This course will also provide an overview of effective technology integration frameworks (SAMR, TPACK, the Digital Use Divide, etc.) used by educational technology specialists/leaders to design transformative learning experiences that enhance instruction.
EDA-606 Diversity in Education  
**Credits:** 3  
**Term Offered:** All Terms  
**Course Type(s):** MAT, SJEDU  
In this course, students will explore the field of multicultural education. The nature of the school as a social system will be analyzed and the diversities of various cultures, communities, and ways of thinking will be examined. Professionals will engage in self-reflection related to racism and other forms of discrimination in order to better understand how identities and ideologies impact everyday school practices and the educational experiences of all students, especially those from culturally and linguistically diverse backgrounds. The course also includes research-based pedagogical strategies for teaching culturally and linguistically diverse students, incorporating instructional technology into the classroom and utilizing data to inform instruction. Education majors only.

EDA-608 Curriculum in the Classroom  
**Credits:** 3  
**Course Type(s):** EDCUR  
Today's practitioners must strike a balance between state and national curriculum standards and the needs and expectations of their own classroom. Candidates will examine various facets of curriculum specific to their professional environment.

EDA-610 Education in a Democratic Society  
**Credits:** 3  
**Term Offered:** Spring Term  
**Course Type(s):** None  
Critical examination of ideas, purposes, and aims of schooling in historical and cultural contexts; explores ethical and research issues related to teaching and learning in ways that enhance democratic practices.

EDA-612 Teacher Leadership  
**Credits:** 3  
**Term Offered:** Spring Term  
**Course Type(s):** EDCUR  
This course is designed to provide an examination of teacher leadership as an opportunity for distributed, school- and district-wide leadership. The course will allow teachers opportunities to develop their own practice and the practices of their colleagues through an understanding of how to use the various leadership lenses of organizational design, strategic decision-making, interpersonal relationships, instructional leadership, and both adaptive and motivational approaches to guiding educators as a teacher to inform the school-improvement work of professional learning communities and job-embedded professional development.

EDA-615 Empowering Students and Educators Through the Design of Blended Learning Opportunities  
**Credits:** 3  
**Course Type(s):** OL  
This course explores the application of theory and research in pedagogy and curriculum design to empower learners through strategic blended learning experiences. Topics include Incorporating Blended Learning into Educational Programs, Streamlining Education Workflow, Technology-Integrated Learning Environments, Video-based Social Learning Platforms, Graphic Visual Representations, Video Screen Capturing, Digital Assessment, eCoaching for Impactful PDs, ISTE standards, Personal Learning Networks, using technology to support personalized learning, and Digital Leadership. The course will be taught in a hybrid format at which students will have experiences with specific instructional technologies and reflect upon the utilization of such innovations for coaching, school transformation, and professional development activities.

EDA-616 Fundamentals of Curriculum Studies  
**Credits:** 3  
**Term Offered:** Spring Term  
**Course Type(s):** None  
The emergence of the field from the early twentieth century. Surveys the foundations of the field of curriculum studies at large, examines the standardization movement of the institutional curriculum and culminates in a critical examination of No Child Left Behind (NCLB). Candidates will consider the importance of study tied to socially responsive curricular design.

EDA-618 Survey of Curricular Paradigms  
**Credits:** 3  
**Term Offered:** Spring Term  
**Course Type(s):** None  
Provides an examination of the field of Curriculum Studies through the lens of key paradigms and perspectives.

EDA-620 Philosophy and Curriculum  
**Credits:** 3  
**Course Type(s):** None  
Serves to extend the examination of the evolution and current conditions of the field of curriculum studies initiated in fundamentals of curriculum studies. Introduces the work of core philosophies that inform contemporary curriculum work and encourage participants’ analysis of various influential voices in the field. Primary goals are to engage in critical discussions about the work of various philosophers who have influenced the field of curriculum studies and conceptualize connections between those works and our daily practice in the field.

EDA-624 Research in Teaching Practice  
**Credits:** 3  
**Term Offered:** All Terms  
**Course Type(s):** EDRES  
Research in education related to contemporary teaching practice will be emphasized. Introduction to qualitative and quantitative approaches from different theoretical perspectives is presented. Content will include literature reviews, analysis and implication of existing research, classroom observation skills and the role of the teacher as reflective practitioner.

EDA-625 Technology Trends in a Global Society  
**Credits:** 3  
**Course Type(s):** OL  
This course will examine how advances in technology have created a global learning environment for today's students. Technologies such as virtual reality (VR), augmented reality (AR), video conferencing, artificial intelligence (AI), smart technologies, online gaming/esports, social media platforms, etc. are connecting people at a global level and allowing educators to bring the world into their classrooms. This course will also provide an overview of crucial skills for success in our global society including coding, robotics, design thinking, digital citizenship, maker education, digital media design, and global competencies.

EDA-626 Assessment Practice Now and When  
**Credits:** 3  
**Term Offered:** Spring Term  
**Course Type(s):** EDAST  
Theory and practice of educational testing, development of and use of tests and alternative forms of assessment, analysis and interpretation of assessment results to monitor student progress, inform instruction, evaluate student achievement, and evaluate programs. Emphasis is placed on alternative and authentic forms of assessment that complement and support the standardized testing system. Through examination of techniques and strategies that characterize quality assessment, students will develop a philosophy of assessment supportive of classroom evaluation and understanding that fosters student growth and learning.
ED-630  Research in Curriculum Studies  Credits: 3
Prerequisite(s): ED-624
Term Offered: Spring Term
Course Type(s): None
The possession of effective research skills is an integral and necessary proficiency for success in the field of Curriculum Studies. Candidates will engage in the exploration of both qualitative and quantitative research methodologies. They will then design an investigation, apply for Institutional Research Board approval, and conduct a study relevant to their professional milieu and the field.

ED-632  Classroom Technologies and Educational Media  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Aims to introduce students to computer science concepts and recent instructional technologies to support teaching and learning processes in K-12 classrooms. The course focuses on students' exploration and evaluation of technology-enhanced applications. Students learn how to use digital media, technologies, and interactive games to support their instructional strategies and student learning, enhance classroom management, aid formative, and summative assessment techniques, and communicate professionally.

ED-645  Theories and Practice of ESL Instruction  Credits: 6
Course Type(s): None
With an emphasis on teaching English through content, this two-semester course will introduce the history of ESL teaching and critically explore exemplary curriculum designs and methods of teaching ESL. A wide range of ESL instructional strategies and assessment measures will be introduced and practiced. Both instructional design and implementation will be the focus for practice with the embedded language acquisition/learning theories and research studies carefully examined.

ED-655  Leveraging Technology to Support the Inclusive Classroom  Credits: 3
Course Type(s): OL
The purpose of this course is to understand how to effectively use technology to create an equitable classroom environment that thoughtfully approaches students' individual communication and learning differences. The primary focus of this course will be to discover, examine, and utilize strategies, tools, and resources to increase educational access and improve learning for all students. This course will explore adaptive and assistive technologies, as well as various digital resources needed to support students' social, emotional, linguistic, and behavioral needs in an effort to maximize student success.

ED-658  Advanced Curriculum Studies  Credits: 3
Course Type(s): EDCUR
A comprehensive study of the theory and practice of designing, evaluating, and implementing valid and effective P-12 curricula.

ED-667  Leading Technology Transformation  Credits: 3
Course Type(s): OL
This course will prepare educators to effectively create an instructional technology vision and plan for their school/district. Specifically, this course will address the processes of analyzing and vetting out educational technology hardware and software, creating a technology budget and cost-effective analysis, determining return on instruction, designing innovative learning spaces, and understanding data security and privacy best practices. This course will also prepare future educational technology specialists/leaders to develop a virtual learning and communication plan to build capacity and maintain transparency in their school communities.

ED-670  Qualitative Research: Principles and Practices  Credits: 3
Course Type(s): None
An introduction to the methods of qualitative research. A reading-based discussion/seminar focusing on methodological issues and an exploration of the variety of methods used in executing qualitative studies. Offers students a theoretical foundation for this form of inquiry and an opportunity to engage in research. Applicable to a variety of social inquiry disciplines.

ED-678  Practicum in Educational Technology Supervision  Credits: 3
Course Type(s): HY
In this course, you will be guided through all aspects of the practicum experience including project pitch, developing a project proposal, project management, project completion, and project presentation. Each student will individually research, propose, develop, implement, and evaluate an educational technology initiative to support student achievement. Each class will cover specific topics to help you achieve the completion of your practicum while guiding you through the project research and implementation process.

ED-680  Advanced Professional Development Seminar for Teachers  Credits: 3
Term Offered: Spring Term
Course Type(s): None
This capstone seminar will support candidates for the degree in producing electronic portfolios, teacher research plans for teaching improvement, presentation of research, and self-reflection for future professional growth.

ED-698  Special Topics in Curriculum and Instruction  Credits: 3
Course Type(s): EDCUR
The subject matter varies with the interest of the candidates and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated on the candidate's transcript. The course curriculum will include a variety of readings, as well as a research-based summative course assessment. Permission of the program director is required to take this course.

ED-699  Independent Study in Education  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

ED-821  Teaching and Learning Theory Practice  Credits: 3
Prerequisite(s): OTDP-705
Course Type(s): OL
A study of human learning and cognitive organization and process. The content will provide an overview of the development of learning theory and cognitive models since the beginning of the scientific study of human learning and mental processes. It is designed to introduce both the new instructors and the experienced instructor to the learner and the learning process as negotiated within a classroom. The roles of educators and students in the learning process and the impact of the interactive classroom environment on learning are examined. Major theories concerning the learning process and their implications for the instructional process are investigated.
ED-822 Instructional Design, Strategies and Delivery Methods  Credits: 3
Prerequisite(s): ED-821
Course Type(s): OL
Designed to create a framework for your understanding of instructional strategies and their effective application in a classroom. The course is based and links to previously acquired knowledge in learning theories and evidence-based teaching. Students will learn about various instructional strategies to enhance interdisciplinary learning experiences in health professions education. Instructional methods will include such collaborative educational models as small and large group teaching, team-based, interactive and experiential case-based learning. Techniques will include the use of simulations as well as teaching at the bedside with a focus on educator behaviors that stimulate achievement of learners. With an appreciated of the diversity of the student body, participants will effectively integrate and apply technology into instruction to develop and deliver health professions curricula including web-based teaching environments, content management systems, collaborative project development, and interactive media with an emphasis on instructional design advancements which affect the learning environment. Evidence of participants' knowledge and application of course topics will be captured in a professional portfolio.

ED-823 Online Learning: Culture and Theory  Credits: 3
Prerequisite(s): ED-822
Course Type(s): OL
Designed to give adult educators a robust overview of theory-based techniques for teaching online or technology-enhanced courses. The course covers all aspects of online for teaching and reviews the latest research in cognitive processing and related learning outcomes while retaining a focus on the practical. A simple framework of instructional strategies mapped across a four-phase timeline provides a concrete starting point for both new online teachers and experienced teachers designing or revamping an online course. Essential technologies are explored in their basic and expanded forms, and traditional pedagogy serves as the foundation for tips and practices customized for online learning. The tips cover course management, social presence, community building, integration of new technologies, discussion and questioning techniques, assessment, and debriefing, along with new coverage of intensive or accelerated courses, customizing learning strategies, developing expertise, advanced course design, and assessment techniques.

EDL-502 Development and Learning in Early Childhood  Credits: 3
Course Type(s): None
Studies designed to foster understanding of the dynamic continuum of development and learning in children from birth through age eight. Typical and atypical development of young children is addressed through a multicultural perspective. Developmental factors that impact learning in preschool and the primary grades are emphasized. Approaches to learning grounded in developmental theory are presented with an emphasis on developmentally appropriate practice.

EDL-503 Literacy Instruction  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the literacy development and instruction of regular and special education children, including those from linguistically diverse backgrounds in grades P-6. Ongoing assessment and instructional strategies will be explored in various engaging, literate, educational settings. Education majors only. Clinical experience hours required.

EDL-515 Advanced Literacy Instruction  Credits: 3
Term Offered: All Terms
Course Type(s): EDFOU, MAT
Focuses on pedagogy and theories that are applicable to teaching literacy to beginning, struggling, and skilled readers. Topics include approaches for teaching literacy to a diverse population of P-12 Learners in a literate environment and assisting and supporting colleagues and paraprofessionals. Word identification, vocabulary, comprehension, and content strategies will be presented. Education majors only.

EDL-516 Literacy Strategies for All Learners I  Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores word identification and vocabulary research and instructional strategies for all learners including those from culturally diverse backgrounds. Individual and group instructional techniques in the area of phonemic awareness, phonics, word recognition, vocabulary, and fluency are explored in environments that promote collaboration and self-regulation. Instructional teaching strategies and techniques for coaching colleagues and paraprofessionals are practiced in real settings.

EDL-517 Literacy Strategies for All Learners II  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Addresses comprehension research and instructional strategies for all learners including those from culturally diverse backgrounds. Individual and group comprehension strategies, metacognition, and student self-evaluation are explored and practiced in collaborative education settings. Instructional teaching strategies and techniques for coaching colleagues and paraprofessionals are practiced in real settings.

EDL-521 Early Childhood Family, School and Community Collaboration in a Diverse Society  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the process of family assessment and intervention, issues of family and professional collaboration and diversity, and methods of promoting adult communication and management strategies. It applies the knowledge of cultural and linguistic diversity and the significance of socio-cultural and political contexts as they relate to the family, culture and society. It identifies the members of teams designed to support and optimize children's health, growth, and development and the network of community services to individuals, families and groups handicapped by social, environmental, health and related problems.

EDL-522 Early Literacy and Language Development  Credits: 3
Course Type(s): None
Focuses on the early literacy and language development of regular and special education children, ages three through eight. The content includes the study of the theories and acquisition of language, the interrelated nature of reading and writing, the appropriate development and assessment of early literacy; methods for engaging and motivating young learners, and the importance of family involvement.

EDL-525 Multicultural Literature and Literacy  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on multicultural literature and how it is integrated into a classroom and/or school-wide literacy program. A wide array of multicultural literature and other genres for children and young adults will be presented, studied and integrated into a Teacher Work Sample. Coaching colleagues and paraprofessionals is emphasized.
EDL-526  Strategies for Teaching Writing, K-12  Credits: 3  Term Offered: Summer Term  Course Type(s): None  Provides an in-depth study of strategies for teaching various types of writing to elementary and secondary students. It involves assessing and instructing students who require assistance with the development of written expressive language under the direction of a University supervisor.

EDL-527  Literacy Trends and Issues  Credits: 3  Term Offered: All Terms  Course Type(s): None  Focuses on issues, problems, and trends in the field of literacy. The content includes the study of divergent viewpoints and research regarding theories, instructional strategies, assessment, classroom environment and professional development.

EDL-551  The In's and Out's and Do's and Don'ts of Embracing Technology Tools in the Classroom  Credits: 3  Term Offered: Spring Term  Course Type(s): None  Focuses on the use of educational technology in classroom settings and the strategies, resources, planning, and assessment of an effective program. Addresses collaboration with colleagues regarding the ethical boundaries of excursions, ways to fit in technology that saves time and provides meaningful experiences to learners at all levels and curricular areas. Students will become familiar with relevant text materials and participate in an exploration of resource options for utilizing technology for various purposes during instructional planning and execution of plans. Materials, methods and strategies will be prepared and ready-to-utilize for authentic purposes, upon completion of this course.

EDL-552  Creative Technology: Utilizing Technology to Ignite a Passion for Learning  Credits: 3  Course Type(s): None  Through graphic design and the integration of digital photography, Flip Video, software such as PowerPoint, the Print Shop, and multi-media projection devices, the opportunity to use technology for stimulating, engaging and motivating students will be explored. Enables students to explore and develop exciting learning experiences. Includes ways to utilize resources in routine lesson planning and to make technology an exciting aspect of all lesson plans.

EDL-553  Technology Integration: Methods for Successfully Meeting Diverse Learning Needs Within a Classroom  Credits: 3  Prerequisite(s): EDL-551 and EDL-552  Term Offered: Spring Term  Course Type(s): None  Expands further upon the various forms of technology available for classroom use. Students will develop engaging learning activities designed to meet the diverse learning needs within a classroom. Opportunities will be provided to explore the various possibilities for modifications and adaptations made possible via specific technology tools. Helps students maximize learning opportunities through the use of Podcasts, instant messaging, text-to-speech capabilities, WebQuests, and more.

EDL-554  A Proactive Approach to Technology Implementation Across the Curriculum  Credits: 3  Prerequisite(s): EDL-551 and EDL-552  Term Offered: Spring Term  Course Type(s): None  Focus is on helping students infuse teaching with meaningful technology across the curriculum. Students will have the opportunity to create, share, demonstrate and showcase a portfolio of resources, strategies, methods and varied options for technology integration through the creation of an authentic classroom technology plan. Through collaboration, guidance practice then independent work, students will embrace all aspects of technology integration and work step-by-step to create a ready-to-use plan.

EDL-560  Early Childhood Curriculum Assessment for Inclusive Environments  Credits: 3  Course Type(s): None  Curriculum and assessment for early childhood programs serving children in preschool through age eight. Multidimensional, ongoing, and performance-based assessment strategies are addressed. Characteristics of developmentally appropriate curricula are explored. Development of learning environments that respect diversity and create opportunities for active participation of all children are emphasized.

EDL-564  Assessment and Instruction in Literacy I  Credits: 3  Term Offered: All Terms  Course Type(s): EDAST  Focuses on the principles of ongoing assessment and instruction of K-12 students’ reading and writing development. Strategies to select, use, and interpret appropriate standardized, criterion-referenced, and informal assessment measures will be provided. Techniques for analysis of students’ literacy strengths and weaknesses and techniques for coaching colleagues and paraprofessionals will be addressed. Individual and group literacy strategies are explored and practiced in public school classrooms and a clinical setting.

EDL-565  Assessment and Instruction in Literacy II  Credits: 3  Prerequisite(s): EDL-564  Term Offered: Spring Term  Course Type(s): None  Focuses on assessment and instructional literacy strategies for assisting all learners, including those with diverse backgrounds. The content includes the theory and practice of portfolio assessment and varied instructional strategies as well as the integration of technology. Individual and group literacy and coaching strategies are explored and practiced in public school classrooms and a clinical setting.

EDL-566  Diagnosis and Remediation of Literacy Problems I, Secondary  Credits: 3  Course Type(s): None  Involves a field-based component, which focuses on assessing and evaluating secondary students’ reading and writing. Strategies to select appropriate standardized, criterion-referenced and informal assessment measures will be provided. Techniques for the analysis of literacy difficulties and the formulation of remediation plans will be addressed.

EDL-572  Current Topics in Educational Psychology  Credits: 3  Course Type(s): None  Several important contemporary theoretical, applied, and methodological issues in various areas of educational psychology are selected by the instructor for inclusion in the course. Seminar discussions focus on the critical evaluation of the recent literature in the areas selected.
EDL-575  Methods of Teaching Language Arts and Content Literacy at the Elementary Level  Credits: 3
Prerequisite(s): ED-510, ED-550, ED-552 and EDL-503
Term Offered: All Terms
Course Type(s): None
Focuses on the literacy instruction of regular and special education children, including those from linguistically diverse backgrounds in grades P-6, across various content areas. Ongoing assessment and instructional strategies will be explored in various engaging, literate, educational settings. Education majors only. Clinical practice hours required.

EDL-585  Practicum in Literacy  Credits: 3
Prerequisite(s): EDL-515, EDL-564 and EDL-565
Course Type(s): None
Concentrates on the clinical assessment and instruction of students who have difficulty with reading and writing. The practicum involves instructional sessions, observing colleagues tutoring, and being observed during a seamless assessment and instruction cycle. In addition, self-assessment is encouraged via the use of videotaped teaching sessions and in-depth, collaborative case discussions.

EDL-593  Administration and Supervision of Literacy Practices and Professional Development for School Leaders  Credits: 3
Prerequisite(s): EDL-569
Term Offered: All Terms
Course Type(s): None
Focuses on the principles, methods, and materials applicable to the administration, organization, and supervision of literacy programs as well as the coaching of staff and colleagues. Students are involved in observation, supervision, and a long-term staff development program in schools.

M.A.T. Initial Certification, Elementary Track (K-6 Elementary Certification) (EDE.MAT)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
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<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
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<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
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<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
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<td>EDL-503</td>
<td>Literacy Instruction</td>
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<td>ED-556</td>
<td>Teaching Elementary Mathematics</td>
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<tr>
<td>ED-562</td>
<td>Methods of Teaching Science at the Elementary Level</td>
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<td>EDL-575</td>
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<td>EDL-576</td>
<td>Teaching Social Studies at the Elementary Level</td>
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<tr>
<td>ED-593</td>
<td>Clinical Practice ¹</td>
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<tr>
<td>or ED-594</td>
<td>Supervised Clinical Practice</td>
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</table>

Total Credits 36

¹ Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

Note
- The elementary school certification requires completion of Liberal Arts, Science, dual content, or interdisciplinary academic major or a minimum of 60 semester hours/credits in Liberal Arts or Science.

Sequence Chart

<table>
<thead>
<tr>
<th>Semester Credits</th>
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<tbody>
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<td>Fall Credits</td>
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<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3 ED-562 Methods of Teaching Science at the Elementary Level</td>
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<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
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<td>Semester Credits</td>
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<td>Fall Credits</td>
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<tr>
<td>EDS-534 Classroom Management in Inclusive Settings</td>
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Total Credits 36

Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.
M.A.T. Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in English as a Second Language (ESL) (EDE.ESL.MAT)

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<td>EN-563</td>
<td>Linguistics and the English Language</td>
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<td>Applied Linguistics for Language Teaching</td>
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<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
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<td>ED-584</td>
<td>Theories and Practice of ESL Instruction Part II</td>
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1 Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

Note

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Semester Credits 9 Semester Credits 9

Second Year

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<tr>
<td>ED-583 Theories and Practice of ESL Instruction Part I</td>
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Semester Credits 9 Semester Credits 9

Third Year

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</tbody>
</table>

Total Credits 45

Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.

M.A.T. Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in Teacher of Students with Disabilities (EDE.TSD.MAT)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>EDL-503</td>
<td>Literacy Instruction</td>
<td>3</td>
</tr>
<tr>
<td>ED-556</td>
<td>Teaching Elementary Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>ED-562</td>
<td>Methods of Teaching Science at the Elementary Level</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.
EDL-575  Methods of Teaching Language Arts and Content Literacy at the Elementary Level  3
ED-576  Teaching Social Studies at the Elementary Level  3
EDS-535  Technology and Students with Disabilities  3
EDS-537  Collaborating with Families, Students, and Professionals in Community and Educational Settings  3
EDS-534  Classroom Management in Inclusive Settings  3
EDS-572  Assessment Strategies and Applications in the Classroom  3
EDS-552  Methods of Teaching Students with Disabilities  3
EDS-537  Collaborating with Families, Students, and Professionals in Community and Educational Settings  3
ED-593  Clinical Practice  9
or ED-594  Supervised Clinical Practice  9

Total Credits 48

1  Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

Note

• The elementary school certification requires completion of Liberal Arts, Science, dual content, or interdisciplinary academic major or a minimum of 60 semester hours/credits in Liberal Arts or Science.

Sequence Chart

First Year

Fall  Credits  Spring  Credits
ED-510  Psychological and Philosophical Foundations of Teaching  3
ED-550  Teaching English Language Learners in Mainstream Classroom  3
EDS-500  Foundations of Special Education: Development Across the Lifespan  3
Semester Credits  9

Second Year

Fall  Credits  Spring  Credits
EDS-534  Classroom Management in Inclusive Settings  3
EDS-535  Technology and Students with Disabilities  3
EDS-537  Collaborating with Families, Students, and Professionals in Community and Educational Settings  3
Semester Credits  9

Third Year

Fall  Credits
EDS-552  Methods of Teaching Students with Disabilities  3
ED-593  Clinical Practice or 594  9
Semester Credits  12

Total Credits 48

Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.

M.A.T. Initial Certification in Art or Music (K-12 Certification and Subject Endorsement) (AR.ED.MAT, MU.ED.MAT)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirements (21 credits)</td>
<td></td>
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</tr>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>ED-587</td>
<td>Integrated Methods in K-12 Education</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education (ED), Art (AR) or Music (MU) 500-Level Independent Study</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives (15 credits)</td>
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<td></td>
</tr>
<tr>
<td>Select two of the following:</td>
<td>6</td>
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</tr>
<tr>
<td>ED-524</td>
<td>Research in Teaching Practice</td>
<td></td>
</tr>
<tr>
<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
<td></td>
</tr>
<tr>
<td>ED-606</td>
<td>Diversity in Education</td>
<td></td>
</tr>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
<td></td>
</tr>
<tr>
<td>ED-593</td>
<td>Clinical Practice 1</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Clinical Practice</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 36
1 Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

Sequence Chart

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3 ED-529 Content Literacy 3</td>
</tr>
<tr>
<td>ED-550 Teaching English Language Learners in Mainstream Classroom</td>
<td>3 EDS-534 Classroom Management in Inclusive Settings 3</td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3 ED-500 + Elective (please refer to curriculum chart) 3</td>
</tr>
</tbody>
</table>

Semester Credits 9 Semester Credits 9

Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-587 Integrated Methods in K-12 Education</td>
<td>3 ED-593 Clinical Practice or 594 9</td>
</tr>
<tr>
<td>AR-599 or ED-599 or MU-599 (please choose according to Subject Endorsement)</td>
<td>3</td>
</tr>
<tr>
<td>ED-500 + Elective (please refer to curriculum chart)</td>
<td>3</td>
</tr>
</tbody>
</table>

Semester Credits 9 Semester Credits 9

Total Credits 36

Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.

M.A.T. Initial Certification, K-12 (Certification K-12 Track and Subject Endorsement); K-12 Certification in: Spanish or Chinese (FO.ED.MAT)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language (FO) 500-Level Independent Study</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Education (ED) or Spanish (FS) 500-Level Independent Study</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ED-582</td>
<td>World Language Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Oral Proficiency Interview (0 credits)

FO-LTI-OPI Oral Proficiency Interview - UG 1 0
Spanish (Advanced Low) 0
Chinese (Interm. High) 0

Electives (12 credits)

Select one of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-524</td>
<td>Research in Teaching Practice</td>
</tr>
<tr>
<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
</tr>
<tr>
<td>ED-593</td>
<td>Clinical Practice 2</td>
</tr>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
</tr>
<tr>
<td>ESD-594</td>
<td>Supervised Clinical Practice</td>
</tr>
</tbody>
</table>

Total Credits 36

1 LTI-OPI taken with Language Testing International. (https://www.languagetesting.com/)
2 Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

Sequence Chart

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3 ED-529 Content Literacy 3</td>
</tr>
<tr>
<td>ED-550 Teaching English Language Learners in Mainstream Classroom</td>
<td>3 EDS-534 Classroom Management in Inclusive Settings 3</td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3 Education 500-Level Independent Study 3</td>
</tr>
</tbody>
</table>

Semester Credits 9 Semester Credits 9
### Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-582 World Language Education</td>
<td>3</td>
<td>ED-593 Clinical Practice or 594</td>
<td>9</td>
</tr>
<tr>
<td>ED-500 Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language 500-Level Independent Study</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester Credits</td>
<td>9</td>
<td>Semester Credits</td>
<td>9</td>
</tr>
<tr>
<td>Total Credits</td>
<td>36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. **ED-599**: NCATE for Chinese; **FS-599**: Introduction to Linguistics for Spanish

### Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

### M.A.T. Initial Certification with Endorsements in K-12 Education in Health and Physical Education (HEPE.ED.MAT)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>ED-596</td>
<td>Methods of Teaching Elementary Physical Education and Health</td>
<td>3</td>
</tr>
<tr>
<td>ED-597</td>
<td>Methods of Teaching Secondary Physical Education and Health</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives (6 credits)</td>
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</table>

### Sequence Chart

<table>
<thead>
<tr>
<th>First Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>3</td>
<td>ED-529</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>3</td>
<td>ED-596</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>3</td>
<td>EDS-534</td>
<td>3</td>
</tr>
<tr>
<td>Semester Credits</td>
<td>9</td>
<td>Semester Credits</td>
<td>9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-597</td>
<td>3</td>
<td>ED-593</td>
<td>9</td>
</tr>
<tr>
<td>ED-500 or EDS-500 + Elective (please see curriculum chart for choices)</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester Credits</td>
<td>9</td>
<td>Semester Credits</td>
<td>9</td>
</tr>
<tr>
<td>Total Credits</td>
<td>36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.

1. Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

### Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
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   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.
**M.A.T. Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) (EDS.(EN, MA, SCI, or SS).MAT)**

**Subject Endorsements in: English, Mathematics, Science, and Social Studies**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
</tbody>
</table>

**Content Methods**

Select two of the following Content Methods courses: 6

**Content Method I**

- ED-566 Methods of Teaching Science at the Secondary Level I
- ED-578 Methods of Teaching English at the Secondary Level
- ED-564 Secondary Mathematics Methods, Part I
- ED-579 Teaching Social Studies and Cultural Education at the Secondary Level

**Content Method II**

- ED-567 Methods of Teaching Science at the Secondary Level II
- ED-585 Methods of Teaching English at the Secondary Level Part II
- ED-565 Secondary Mathematics Methods Part II
- ED-580 Secondary Social Studies Education Part II

Select two of the following: 6

- ED-606 Diversity in Education
- ED-583 Theories and Practice of ESL Instruction Part I
- EDS-535 Technology and Students with Disabilities Education (ED) 500-Level Independent Study
- ED-524 Research in Teaching Practice
- ED-593 Clinical Practice ¹
- or ED-594 Supervised Clinical Practice

**Total Credits** 36

---

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.

2. Two letters of recommendation for graduate study.

3. Résumé.

4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.

5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).

6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

**Note:** Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.
M.A.T. Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language (EDS.ESL.(EN, MA, SCI, or SS).MAT)

Subject Endorsements in: English, Mathematics, Science, or Social Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
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<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
</tbody>
</table>

**Content Methods**

Select two of the following Content Method courses:

6

**Content Method I**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-566</td>
<td>Methods of Teaching Science at the Secondary Level</td>
<td></td>
</tr>
<tr>
<td>ED-578</td>
<td>Methods of Teaching English at the Secondary Level</td>
<td></td>
</tr>
<tr>
<td>ED-564</td>
<td>Secondary Mathematics Methods, Part I</td>
<td></td>
</tr>
<tr>
<td>ED-579</td>
<td>Teaching Social Studies and Cultural Education at the Secondary Level</td>
<td></td>
</tr>
</tbody>
</table>

**Content Method II**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-567</td>
<td>Methods of Teaching Science at the Secondary Level</td>
<td></td>
</tr>
<tr>
<td>ED-585</td>
<td>Methods of Teaching English at the Secondary Level</td>
<td></td>
</tr>
<tr>
<td>ED-565</td>
<td>Secondary Mathematics Methods Part II</td>
<td></td>
</tr>
<tr>
<td>ED-580</td>
<td>Secondary Social Studies Education Part II</td>
<td></td>
</tr>
<tr>
<td>EN-563</td>
<td>Linguistics and the English Language</td>
<td>3</td>
</tr>
<tr>
<td>or ED-536</td>
<td>Applied Linguistics for Language Teaching</td>
<td></td>
</tr>
<tr>
<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
<td>3</td>
</tr>
<tr>
<td>ED-584</td>
<td>Theories and Practice of ESL Instruction Part II</td>
<td>3</td>
</tr>
<tr>
<td>ED-593</td>
<td>Clinical Practice 1</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Clinical Practice</td>
<td></td>
</tr>
</tbody>
</table>

**Sequence Chart**

**First Year**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
<td>ED-529 Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>ED-550 Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
<td>EDS-534 Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
<td></td>
<td></td>
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</tbody>
</table>

**Second Year**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-536 Applied Linguistics for Language Teaching</td>
<td>3</td>
<td>ED-584 Theories and Practice of ESL Instruction Part II</td>
<td>3</td>
</tr>
<tr>
<td>ED-583 Theories and Practice of ESL Instruction Part I</td>
<td>3</td>
<td>Content Methods I (please refer to curriculum chart for course)</td>
<td>3</td>
</tr>
<tr>
<td>Content Methods II (please refer to curriculum chart for course)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Third Year**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-593 Clinical Practice or 594</td>
<td>9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits 39**

**Admission Requirements**

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

**Note:** Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.

1 Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.
M.A.T. Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in Teacher of Students with Disabilities (EDS.TSD.(EN, MA, SCI, or SS).MAT)

Subject Endorsements in: English, Mathematics, Science, or Social Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
</tbody>
</table>

Content Methods (6 credits)

Select two of the following Content Methods courses: 6

Content Methods I

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-566</td>
<td>Methods of Teaching Science at the Secondary Level I</td>
<td></td>
</tr>
<tr>
<td>ED-578</td>
<td>Methods of Teaching English at the Secondary Level</td>
<td></td>
</tr>
<tr>
<td>ED-564</td>
<td>Secondary Mathematics Methods, Part I</td>
<td></td>
</tr>
<tr>
<td>ED-579</td>
<td>Teaching Social Studies and Cultural Education at the Secondary Level</td>
<td></td>
</tr>
</tbody>
</table>

Content Methods II

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-567</td>
<td>Methods of Teaching Science at the Secondary Level II</td>
<td></td>
</tr>
<tr>
<td>ED-585</td>
<td>Methods of Teaching English at the Secondary Level Part II</td>
<td></td>
</tr>
<tr>
<td>ED-565</td>
<td>Secondary Mathematics Methods Part II</td>
<td></td>
</tr>
<tr>
<td>ED-580</td>
<td>Secondary Social Studies Education Part II</td>
<td></td>
</tr>
</tbody>
</table>

Electives (12 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>EDS-537</td>
<td>Collaborating with Families, Students, and Professionals in Community and Educational Settings</td>
<td>3</td>
</tr>
<tr>
<td>EDS-552</td>
<td>Methods of Teaching Students with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>EDS-572</td>
<td>Assessment Strategies and Applications in the Classroom</td>
<td>3</td>
</tr>
</tbody>
</table>

Clinical Practice (9 credits)

Select one of the following Clinical Practice courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-593</td>
<td>Clinical Practice</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Clinical Practice</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 42

1 Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.
M.A.T. Initial Certification, Spanish or Chinese (K-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language (FO.ED.ESL.MAT)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language (FO) 500-Level Independent Study</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Education (ED) or Spanish (FS) 500-Level Independent Study</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ED-582</td>
<td>World Language Education</td>
<td>3</td>
</tr>
<tr>
<td>FO-LTIOP</td>
<td>Oral Proficiency Interview - UG ¹</td>
<td>0</td>
</tr>
<tr>
<td>Spanish (Advanced Low)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED-563</td>
<td>Assessment and Treatment of Literacy Problems</td>
<td>3</td>
</tr>
<tr>
<td>or ED-536</td>
<td>Applied Linguistics for Language Teaching</td>
<td></td>
</tr>
<tr>
<td>ED-584</td>
<td>Theories and Practice of ESL Instruction Part II</td>
<td>3</td>
</tr>
<tr>
<td>ED-593</td>
<td>Clinical Practice ²</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Clinical Practice</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>39</strong></td>
<td></td>
</tr>
</tbody>
</table>

2. Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

Sequence Chart

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
<td>ED-529 Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>ED-550 Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
<td>EDS-534 Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
<td>Education (ED) or Spanish (FS) 500-Level Independent Study²</td>
<td>3</td>
</tr>
<tr>
<td>Semester Credits</td>
<td>9</td>
<td>Semester Credits</td>
<td>9</td>
</tr>
</tbody>
</table>

Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-536 Applied Linguistics for Language Teaching</td>
<td>3</td>
<td>ED-584 Theories and Practice of ESL Instruction Part II</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>39</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
2. Two letters of recommendation for graduate study.
3. Résumé.
4. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
5. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
6. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.

M.S.Ed. Literacy (EDL.MSED)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDL-515</td>
<td>Advanced Literacy Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDL-516</td>
<td>Literacy Strategies for All Learners I</td>
<td>3</td>
</tr>
<tr>
<td>EDL-517</td>
<td>Literacy Strategies for All Learners II</td>
<td>3</td>
</tr>
<tr>
<td>EDL-525</td>
<td>Multicultural Literature and Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDL-526</td>
<td>Strategies for Teaching Writing, K-12</td>
<td>3</td>
</tr>
<tr>
<td>EDL-527</td>
<td>Literacy Trends and Issues</td>
<td>3</td>
</tr>
<tr>
<td>EDL-564</td>
<td>Assessment and Instruction in Literacy I</td>
<td>3</td>
</tr>
<tr>
<td>EDL-565</td>
<td>Assessment and Instruction in Literacy II</td>
<td>3</td>
</tr>
<tr>
<td>EDL-585</td>
<td>Practicum in Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDL-593</td>
<td>Administration and Supervision of Literacy Practices and Professional Development for School Leaders</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>30</strong></td>
<td></td>
</tr>
</tbody>
</table>

Admission Requirements

1. Applicant must be a certified teacher. (Does not apply to MSED School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.

3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.

4. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant forsees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSED programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.

5. Students applying to the MSEd School Counseling and MSEd Student Affairs and College Counseling programs must participate in a group interview.

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

Master of Education (ED.M)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJEDU</td>
<td>Social Justice in Education: Select one course designated with the course type SJEDU</td>
<td>3</td>
</tr>
<tr>
<td>EDFOU</td>
<td>Education Foundations: Select one course designed with the course type: EDFOU</td>
<td>3</td>
</tr>
<tr>
<td>EDRES</td>
<td>Education Research: Select one course designated with the course type: EDRES</td>
<td>3</td>
</tr>
<tr>
<td>EDCUR</td>
<td>Education Curriculum: Select one course designated with the course type: EDCUR</td>
<td>3</td>
</tr>
<tr>
<td>EDAST</td>
<td>Education Assessment: Select one course designated with the course type: EDAST</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives: Select 15 credits of advisor-approved courses from an area of interest</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>30</td>
</tr>
</tbody>
</table>

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 3.0 overall in the undergraduate major.
2. A passing score for the Oral Proficiency Interview (OPI) in the English Language for non-native speakers of English.

Bilingual/Bicultural Graduate Endorsement (END.ED.GR.BLBC)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-563</td>
<td>Linguistics and the English Language</td>
<td>3</td>
</tr>
<tr>
<td>or ED-536</td>
<td>Applied Linguistics for Language Teaching</td>
<td></td>
</tr>
<tr>
<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
<td>3</td>
</tr>
<tr>
<td>ED-584</td>
<td>Theories and Practice of ESL Instruction Part II</td>
<td>3</td>
</tr>
<tr>
<td>ED-586</td>
<td>Bilingual Education: Theories and Practices</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>12</td>
</tr>
</tbody>
</table>

Admission Requirements

1. A degree in a K-12 school curriculum content area other than foreign language or English as a Second Language.
2. Certificate of eligibility with advanced standing, or a standard New Jersey instructional certificate of eligibility with a teaching position in an ESL/Bilingual setting.
3. A passing score for nationally recognized test of oral and written proficiency in both English and the target language.

Certificate in TESOL (ED.TESOL.GR.C)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-563</td>
<td>Linguistics and the English Language</td>
<td>3</td>
</tr>
<tr>
<td>or ED-536</td>
<td>Applied Linguistics for Language Teaching</td>
<td></td>
</tr>
<tr>
<td>ED-606</td>
<td>Diversity in Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>or EN-558</td>
<td>Teaching Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>18</td>
</tr>
</tbody>
</table>

Note

- Non-native speakers of English are required to take and pass the English Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WPT). Contact the Language Testing International Center (https://www.language testing.com). Monmouth University’s School of Education requires a copy of the proficiency certificates for both the OPI and WPT.
- This Certificate does not lead to the NJDOE ESL Endorsement.

Early Childhood Graduate Endorsement (END.ED.GR.ECHILD)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDL-502</td>
<td>Development and Learning in Early Childhood</td>
<td>3</td>
</tr>
</tbody>
</table>

Admission Requirements

1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.

2. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.

3. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant forsees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSED programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.

4. Resume.

5. Teaching certification may be required based on program of study.
EDL-521 Early Childhood Family, School and Community Collaboration in a Diverse Society 3
EDL-522 Early Literacy and Language Development 3
EDL-560 Early Childhood Curriculum Assessment for Inclusive Environments 3
EDL-515 Advanced Literacy Instruction 3
EDS-500 Foundations of Special Education: Development Across the Lifespan 3
EDS-571 Management of Challenging Behaviors 3
ED-606 Diversity in Education 3
Total Credits 24

Admission Requirements
1. Applicant must be a certified teacher. (Does not apply to MSEd School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more).

(If the applicant is not a certified teacher, the applicant must be enrolled in a specialized alternate route program and be employed in a P-3 position requiring certification.)

English as a Second Language (ESL) Graduate Endorsement (END.ED.GR.ESL)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-563</td>
<td>Linguistics and the English Language</td>
<td>3</td>
</tr>
<tr>
<td>or ED-536</td>
<td>Applied Linguistics for Language Teaching</td>
<td></td>
</tr>
<tr>
<td>ED-606</td>
<td>Diversity in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDL-575</td>
<td>Methods of Teaching Language Arts and Content Literacy at the Elementary Level</td>
<td>3</td>
</tr>
<tr>
<td>or ED-529</td>
<td>Content Literacy</td>
<td></td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
<td>3</td>
</tr>
<tr>
<td>ED-584</td>
<td>Theories and Practice of ESL Instruction Part II</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 18

Subject Endorsement in Chinese - Certificate of Eligibility with Advanced Standing (CEAS) Graduate Endorsement (END.ED.GR.CEAS)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching English Language Learners in Mainstream Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-582</td>
<td>World Language Education</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language (FO) 500-Level Independent Study</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Education (ED) 500-Level Independent Study</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FO-LTIOP</td>
<td>Oral Proficiency Interview - UG (Interm. High)</td>
<td>0</td>
</tr>
<tr>
<td>ED-593</td>
<td>Clinical Practice 2</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Clinical Practice</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 24

Note
- Subject certification in Chinese requires a minimum of thirty credits in a coherent sequence in the language and cultures of China.

Admission Requirements
1. A minimum of 30 credits in Chinese, which may include the art, culture, economics, history, and/or literature of China.
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements and a 3.0 GPA in the undergraduate major.
3. Two letters of recommendation for graduate study.
4. Résumé.
5. Personal statement of not more than two pages that describes your preparation for study in the program and personal objectives for graduate study.
6. Provide evidence of successfully achieving a minimum score on one of the following tests as a condition of admission to the MAT:
   a. Provide a passing score on the Praxis Core Academic Skills for Educators #5751
   b. Provide an official qualifying score on the SAT, ACT or GRE required for the year in which the exam was taken (see New Jersey Department of Education for details).
7. Students interested in the MAT Initial Certification K-12 in Chinese must have a degree or thirty approved credits in the Chinese language and culture.

*Note: Prior to student teaching, the appropriate Praxis Test must be successfully completed, and all content course work and/or conditions of acceptance must be satisfied.*

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**Educational Counseling and Leadership**

Chair: Walter Greason, Department of Educational Counseling and Leadership

**Doctor of Education (Ed.D.) Educational Leadership**

The Doctor of Education (Ed.D.) in Educational Leadership program at Monmouth University will provide a rigorous experience in leading transformational change in schools. To foster transformative leadership, this program will use a practice-based approach to professional learning and development. By practice-based approach, it is meant that learning will occur through experience and reflection, a process that involves both doing and thinking. In an experiential model of learning, thought is generated through actions that occur as part of lived experiences.

The purpose of the Monmouth University Ed.D. is to develop leaders who are skilled in both practice and theory of leadership during the change process. The curriculum is designed around a transformational leadership project that involves designing, piloting, and implementing an initiative that will have a transformational impact on student learning, faculty development, and leadership at the school district level. This project will enable doctoral candidates to create significant positive change in their schools while completing coursework under the guidance of faculty in educational leadership.

It is anticipated that most doctoral candidates will select and design a project that supports his or her professional setting. The project will be accomplished using an iterative, design-based approach to design and research that begins with a small pilot that will grow into a larger project across a two-year period. During that time, doctoral candidates will be researching, developing new ideas, and redesigning their projects based on the professional literature and data analysis.

The Ed.D. in Educational Leadership is a two-year, 54-credit hour program that is intended to provide doctoral candidates with new ways of thinking and reflecting about school change so they can become leaders in educational innovation.

Graduates of the Ed.D. in Educational Leadership program will be prepared to:

- create processes that foster continuous human learning and development
- use transformational leadership to promote progressive change
- implement and institutionalize transformational change
- use design-based research to reshape educational practice and theory
- develop the analytical thinking skills necessary to review and improve change processes

Courses will be offered in a hybrid format, offering the advantages of face-to-face instruction with the convenience of online access.

**Doctor of Education (Ed.D.) Educational Leadership - Higher Education Track**

This program intends to address the wide spread need for leaders in higher education, who are prepared to lead initiatives across the vastly diverse departments on a higher education campus. A doctoral degree in higher education leadership would give students some much-needed preparation to “do” education in profoundly innovative ways. This degree
Graduate Endorsements
Graduate endorsements are programs designed for teachers and counselors who wish to change specialties or enhance their skills in dealing effectively with diverse populations in the schools. Students may earn graduate endorsements without matriculating into a master’s degree program. Post-master’s endorsements require a master’s degree as a prerequisite. All programs are approved by the New Jersey State Department of Education.

Programs

Masters
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Endorsements
- Director of School Counseling Services Post-Master’s Endorsement (p. 173)
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Doctorate
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Faculty

Stephanie Bobbitt, Assistant Professor (Graduate Faculty). B.S., S.U.N.Y. College of Environment Science and Forestry; M.S., The College of Saint Rose; Ph.D., Western Michigan University. sbobbitt@monmouth.edu

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Walter Greason, Associate Professor and Chair (Graduate Faculty). B.A., Villanova University; Ph.D., Temple University. Writes about world, economic, and intellectual history. Serves as the Treasurer for the Society for American City and Regional Planning History. Most recent book, Suburban Erasure: How the Suburbs Ended the Civil Rights Movement in New Jersey, documents forgotten chapters in the northern Civil Rights Movement, while explaining the failure of racial integration to address economic inequality. In 2011, Dr. Greason won a grant from the Mellon Foundation for his innovative pedagogy, earning him recognition as an International Master Teacher. wgreason@monmouth.edu

Tina Paone, Professor (Graduate Faculty). B.A., University of Tampa; M.A., Ph.D., University of Nevada, Reno. Areas of professional interest include school counseling, group counseling, diversity, and play therapy. tpaone@monmouth.edu

Alyson Pompeo-Fargnoli, Assistant Professor (Graduate Faculty). B.A., M.A., The College of New Jersey; Ph.D., Montclair State University. Areas of professional interest include college and wellness counseling, secondary to post secondary partnerships, and diversity and social justice initiatives. apompeof@monmouth.edu

Nicole Pacheco Pulliam, Associate Professor (Graduate Faculty). B.A., Ramapo College of New Jersey; M.A., Ph.D., Montclair State University. Professor interests include college student development, first generation college students, and career development. npulliam@monmouth.edu

Vernon Smith, Assistant Professor and M.S.Ed. School Counseling Program Director (Graduate Faculty). B.A., Judson College; M.S., Northern Illinois University; Ph.D., University of South Florida. Research centers around empowering young Black males. He has presented scholarly papers at international, national, state and local conferences on topics such as: parent involvement factors from the perspectives of academically successful Black male college students; exploring best practices for effectively serving and retaining African American college students impacted by trauma; student retention; family influence on student development; and the impact of cultural trauma on African Americans. vsmith@monmouth.edu

Courses

EDC-CPE  Counseling Preparatory Comprehensive Examination  Credits: None
Term Offered: All Terms
Course Type(s): None
A comprehensive examination to demonstrate the knowledge of counseling in terms of CACREP professional standards of 1) Human Growth and Development, 2) Social and Cultural Foundations, 3) Helping Relationship, 4) Group Work, 5) Career and Lifestyle Development, 6) Appraisal, 7) Research and Program Evaluation, and 8) Professional Orientation and Ethics. Must be taken during Internship 1 and 2. This is a pass/fail course.

EDC-500  Introduction to Professional Counseling  Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed as an introduction to the counseling profession with an emphasis on school counseling and student affairs. Traces the history of the school counseling profession, exposes the student to theoretical positions and approaches of counselors, orients the student to an initial understanding of legal and ethical obligations, prepares the student for school counseling, student affairs and the culture of schools and university, differentiates school counseling and student affairs from other counseling specialties and other school professionals, and provides the basis for continued studies in the counseling program.
EDC-501  Introduction to College Student Development and Student Affairs  Credits: 3
Term Offered: Fall Term
Course Type(s): None
A foundational overview of the theory and practice of student affairs administration and college counseling with an emphasis on educating emerging professionals to facilitate development in postsecondary students and environments within higher education. This course will focus on college student development theory and developing supportive frameworks necessary to promote student success.

EDC-505  Counseling and Ethical Practice  Credits: 3
Term Offered: All Terms
Course Type(s): None
An intensive introduction to counseling skills and ethical principles within the school/university environment. Skills in counseling responses, feedback, goal setting, termination and follow-up are practiced in a clinical setting. Integration of ethical and legal procedures into school counseling/student affairs practice with children, families, and young adults is emphasized. A combination of theory and practice through role-play, videotape practice, and supervisory feedback.

EDC-510  Human Growth and Development  Credits: 3
Term Offered: All Terms
Course Type(s): None
A study of principles and concepts of cognitive, personality, and social development from conception through death. An overview of empirical research and theoretical frameworks used in the study of life-span human development with a special emphasis on school-age and young adult populations. Uses both lecture and seminar formats. Students should be able to discuss the major theoretical questions involved in the study of life span development, as well as be able to discuss current findings in the areas of social, cognitive, personality, and moral development and the implications for student success in school and throughout the life span.

EDC-515  Risk and Resiliency in Children and Adolescents  Credits: 3
Course Type(s): None
Examines the developmental trajectory for at-risk children and adolescents and factors that promote resilience. Thoroughly examines the etiology of alcohol and drug abuse. Factors that contribute to school failure and success will also be addressed. Candidates will be able to identify risk (e.g. poverty, disabilities, child maltreatment, etc.) and protective factors and identify interventions that promote positive developmental outcomes.

EDC-517  Community Mental Health  Credits: 3
Course Type(s): None
An overview of mental health counseling within community and health/human services settings. Reviews prevention, intervention, and needs assessment, as well as program implementation and evaluation, in a comprehensive way. Client advocacy, governmental policies, obtaining funding, and other aspects of the delivery of human services are explored, with particular focus on the management and ethical standards of all administrative and clinical counseling services related to mental health programs.

EDC-520  Advanced Topics in Race and Racism  Credits: 3
Prerequisite(s): EDC-535
Term Offered: All Terms
Course Type(s): None
Targets advanced topics in race and racism. More specifically, the course will progress through discussions and education about the history of race and related racism in the United States; current systemic racial inequities; personal and societal racism and its impacts on People of Color and Whites; White cultural norms and related power and privilege; White ethnicity and its relation to race and racism, and; skill building in antiracist advocacy for counselors. This is a pass/fail course.

EDC-525  Assessment for Counseling  Credits: 3
Term Offered: All Terms
Course Type(s): None
Covers the theories and practice of selection, administration, and interpretation of various instruments used in school and university settings to measure achievement, intelligence, aptitude, and ability with an overview of the ethical and legal use of these instruments. Statistics necessary to understand test data will be examined as well as strategies necessary to communicate test results to clients, parents, adults, and school personnel. Part theory and part skill laboratory where students will practice the administration of various educational instruments.

EDC-530  Counseling Theory and Practice  Credits: 3
Prerequisite(s): EDC-500
Term Offered: All Terms
Course Type(s): None
Explores the major counseling theories and related techniques with emphasis on translating counseling theory into effective practice with children, adolescents, adults, and families in schools and universities. Special attention is given to experiential analysis and the demonstration of effective school counseling skills using the various theoretical modalities. Part theory and part counseling skills laboratory with intensive role-play, discussion and feedback.

EDC-535  Diversity and Social Justice  Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores the major counseling theories and related techniques with emphasis on translating counseling theory into effective practice with children, adolescents, adults, and families in schools and universities. Special attention is given to experiential analysis and the demonstration of effective school counseling skills using the various theoretical modalities. Part theory and part counseling skills laboratory with intensive role-play, discussion and feedback.

EDC-540  Group Counseling  Credits: 3
Prerequisite(s): EDC-500, EDC-505, and EDC-530
Term Offered: All Terms
Course Type(s): None
Designed to provide an overview of the basic process, dynamics, theoretical components, and developmental aspects of group counseling. It encompasses an increase in counselor skills, group leadership and facilitation. Emphasis is placed on understanding the diversity of students and their families. Combines the use of lectures, discussion, experiential exercises, readings, and journaling to advance students’ knowledge and skills in group counseling. Emphasis on working with diverse groups is also integrated into the course. Students will explore group leader and member roles through participation in various group situations.
EDC-541 Leadership and Administration of Campus Environments  
Term Offered: Spring Term  
Course Type(s): None  
A comprehensive overview of administration, organization, and governance models of American higher education institutions. Through gaining a conceptual understanding of the college and university campus as an environment, this course will focus on leadership and social justice systems approaches necessary to facilitate a culture to promote the retention and persistence of postsecondary students within campus environments.

EDC-545 Career Development and Counseling  
Prerequisite(s): EDC-500, EDC-505, and EDC-530  
Course Type(s): None  
Designed to explore career counseling, development theory, and practices with consideration for life roles, diversity issues, and nontraditional careers within the context of school and university settings. Theories, models, techniques, and resources including consultation relevant to decision making, assessment, career planning, and placement are addressed with attention to computer-based applications and Internet resources. Education majors only.

EDC-550 Counseling At-Risk Children and Families  
Prerequisite(s): EDC-500, EDC-505, and EDC-530  
Term Offered: All Terms  
Course Type(s): None  
Counseling, intervention, and referral techniques for at-risk children, adolescents and their families with intensive practice in family counseling and crisis intervention skills. Family theory and applications for practical skills in the school environment are emphasized through various experiential learning activities. The school counselor's role as an advocate and direct service provider for students and their families with multiple risk factors is emphasized.

EDC-555 School Counseling Program Planning and Consultation  
Prerequisite(s): EDC-500, EDC-505, and EDC-530  
Term Offered: All Terms  
Course Type(s): None  
A comprehensive data-driven overview of the theory and practice for designing, implementing, and evaluating a comprehensive school counseling program P-12. Consultation within a school setting will be emphasized in this course. Multidimensional approaches will be studied, including school-based consultation, case consultation, systems consultation, and consultation with a school counseling program. Empirical research will be utilized in conjunction with school counseling programs based on national standards.

EDC-560 Consultation Procedures for Counseling  
Prerequisite(s): EDC-500, EDC-505, and EDC-530  
Term Offered: Spring Term  
Course Type(s): None  
Explores foundational concepts, theories, and models fundamental to school-based practices. Multidimensional approaches will be studied, including school-based consultation, case consultation, systems consultation, and consultation with a school counseling program. Consultation procedures are emphasized as a central part of the school counselor competencies in a multicultural environment. Includes consultation case conceptualization, role play, clinical demonstrations, reflections, and course projects.

EDC-565 Supervision of Counselors  
Term Offered: Summer Term  
Course Type(s): None  
Explore current foundational concepts, theories, and models fundamental to the administration of supervision of school counselors, and student service professionals within an educational environment. Multidimensional approaches to clinical supervision will be addressed using supervision models, including practical experience for counseling professionals who have responsibility directing the personal and professional development of school counselors. Critical analysis of theories of counselor supervision, techniques associated with theories, and assessment of supervision models will be examined. Also explores the benefits and shortcomings of individual versus group supervision, with particular focus on characteristics that make for a competent supervisor and effective supervisory relationships. Further explores the role of both supervisor and supervisee, ethical and legal considerations, evaluative criteria, cultural and gender issues, research and social justice.

EDC-570 Alcohol and Drug Abuse Programs and Services  
Course Type(s): None  
A comprehensive study of alcohol and drug programs and services in the school and community including research-based prevention and intervention programs, chemical health curricula, policy, and staff development. Emphasis on the role of the substance awareness coordinator in organizing and coordinating intervention and referral services and multidisciplinary intervention teams.

EDC-575 Alcohol and Drug Assessment and Counseling  
Term Offered: Spring Term  
Course Type(s): None  
A comprehensive approach to assessment and treatment planning with alcohol and drug-affected students, including the intake interview, clinical assessment, and administration and interpretation of formal and informal instruments. Attention is given to the roles of the substance awareness coordinator and the counselor in assessment, referral, and intervention.

EDC-580 Behavioral Issues in Counseling  
Term Offered: All Terms  
Course Type(s): None  
Designed to explore the contemporary behavioral issues that affect preschool through university level students and their families. Emphasis will be placed on a comprehensive understanding of commonly encountered behavioral issues such as ADD/ADHD, Persuasive Development Disorders, and Mood Disorders. Students will learn the process of identification, assessment, intervention, and follow-up of working with students with such issues.

EDC-598 Special Topics in Educational Counseling  
Term Offered: All Terms  
Course Type(s): None  
The subject matter varies with the interest of the students and the professor. The exact nature of the topic covered in any given semester is indicated on the student's transcript. If a prerequisite is required it will be announced in the course schedule.

EDC-599 Independent Study in Educational Counseling  
Term Offered: All Terms  
Course Type(s): None  
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of a counseling faculty member. Written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this class. Application must be filed before registration.
EDC-600 Practicum in Counseling Credits: 3
Prerequisite(s): EDC-500, EDC-505, EDC-530, and EDC-535
Term Offered: All Terms
Course Type(s): None
An intensive supervised 100-hour, field-based experience in the school or university, which provides an orientation to the school counselor's role within a school counseling program or student affairs program. Provides supervised opportunities to practice individual and group counseling skills along with day-to-day tasks of the school counselor/student affairs professional. Additionally, intensive individual and group supervision is provided through videotaped and/or audio taped sessions.

EDC-601A Internship in Counseling I: School Counseling Credits: 3
Prerequisite(s): EDC-500, EDC-505, EDC-520, EDC-530, EDC-535, EDC-540, EDC-600 and completion of twenty-four credits
Term Offered: All Terms
Course Type(s): None
An intensive supervised 300-hour field-based experience, which allows students who have completed the practicum to participate in a range of professional experiences expected of a school counselor or student affairs professional. Includes a requirement of documented supervised work as a student school counselor under the supervision of a practicing school counselor/student affairs professional and intensive individual and group supervision in the university seminar through videotaped and/or audio taped sessions. Students in the school counseling track should register for EDC-601A and students in the student affairs/college counseling track should register for EDC-601B.

EDC-601B Internship in Counseling I: Student Affairs/College Counseling Credits: 3
Prerequisite(s): EDC-500, EDC-505, EDC-520, EDC-530, EDC-535, EDC-540, EDC-600 and completion of twenty-four credits
Term Offered: All Terms
Course Type(s): None
An intensive supervised 300-hour field-based experience, which allows students who have completed the practicum to participate in a range of professional experiences expected of a school counselor or student affairs professional. Includes a requirement of documented supervised work as a student school counselor under the supervision of a practicing school counselor/student affairs professional and intensive individual and group supervision in the university seminar through videotaped and/or audio taped sessions. Students in the school counseling track should register for EDC-601A and students in the student affairs/college counseling track should register for EDC-601B.

EDC-602B Internship in Counseling II: Student Affairs/College Counseling Credits: 3
Prerequisite(s): EDC-601A or EDC-601B
Term Offered: All Terms
Course Type(s): None
An intensive supervised 300-hour field-based experience, which allows students who have completed the practicum to participate in a range of professional experiences expected of a school counselor or student affairs professional. Includes a requirement of documented supervised work as a student school counselor under the supervision of a practicing school counselor/student affairs professional and intensive individual and group supervision in the university seminar through videotaped and/or audio taped sessions. Students in the school counseling track should register for EDC-602A and students in the student affairs/college counseling track should register for EDC-602B.

EDC-606 Research Methodology and Applications Credits: 3
Term Offered: All Terms
Course Type(s): EDRES
Designed to provide the students with a basic understanding of the practical and theoretical applications of educational research methodology. Beginning with an examination of the role of research in education, students will be guided through the process of reviewing and analyzing information and data from a variety of sources, comparing and contrasting the different types of research designs, understanding the role of descriptive and inferential statistics, and the development of a research project.

EDC-610 SAC Internship Credits: 3
Prerequisite(s): PC-540, PC-515 or EDC-510 or SW-509; PC-542 or EDC-604 or SW-604; PC-510 or SW-518; EDC-555 and permission of the instructor
Term Offered: All Terms
Course Type(s): None
A supervised three-credit, 300-hour field-based supervised experience in the school, which allows students to intern as a student assistance coordinator. This is the culminating activity of the student assistance coordinator program in which students will apply what they have learned in a school setting.

EDC-699 Independent Study: Ed Counsel Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of a counseling faculty member. Written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

EDD-THD Thesis Defense Credits: None
Course Type(s): None
Education Doctorate Thesis Defense
EDD-702 Adult Development and Transformative Learning Credits: 3
Course Type(s): None
The course examines the foundational learning theories, adult development, and transformative learning for school administrators. It examines the techniques of motivation, methodology, and evaluation in adult learning. An emphasis on social justice and advocacy for transformative learning will also be incorporated in the pedagogical structure of the course. The course further examines the transformative learning process for adults considering the socio-political, cultural, school and other factors. These influential paradigm shifts in adult learning include barriers to and motivation for transformative learning. Designed to contribute to and professional development of those individuals who work with adults and young adults in a variety of educational contexts, in either instructional or leadership capacities.

EDD-706 Learning Through Experience: Individuals and Organizations Credits: 3
Term Offered: Summer Term
Course Type(s): None
The purpose of this course is to explore the nature of experiential learning processes in promoting change and growth in both professionals and the professions. The research literature associated with experiential learning will be used to explore the nature of experiential learning, where it occurs, how we experience it, how we think about it, and how we can use the environment to enhance it. Course content includes 1) readings related to action in the professionals, such as improvement science, network improvement communities, action research, and participatory action research; 2) a survey of topics associated with the thinking processes associated with active approaches to learning, such as reflection, design thinking, creativity, innovation, and semiotics. Activities and assignments will include group discussions, individual and group presentations, action research, and classroom observation and analysis.

EDD-710 Leadership, Diversity and Equity Credits: 3
Term Offered: Spring Term
Course Type(s): None
American and international institutions of education continue to face the challenge of promoting access and equity for a diverse educational community of stakeholders. The increase in diversity throughout the world requires educational leaders to explore and understand the issues and learn how to advance diversity and equity. Race and ethnicity, social class, and gender will serve as initial topics for the course. Students will learn how their local, national and international colleagues have struggled (and succeeded or not succeeded) in advancing equity and inclusion. Students also will be given an opportunity to explore other dimensions of diversity. Class discussions will center on current and world situations regarding educating a diverse population, and the efforts aimed at improving equity throughout the world.

EDD-712 International Leadership Models Credits: 3
Term Offered: Spring Term
Course Type(s): None
Compares leadership practices in different parts of the world by comparing the performance of different countries. Doctoral candidates will compare and contrast the characteristics of successful leadership models and if those concepts are transferable to areas of leadership.
EDD-721  Education Law and Policy P-12  Credits: 3
Course Type(s): None
Provides legal foundations of U.S. public schools (Federal and State) examines general principles of statutory and case law and applies judicial decisions to educational environments. This course will examine many current legal policy issues in local and national elementary and secondary education, including school finance litigation; school discipline and the rise of "Zero Tolerance" policies (Casella 2003); bullying prevention and intervention; cyber-bullying; LGBT bias; educator evaluation systems; and special education; in addition to other topics that may arise during the course. Students will be able to use current education law and legal precedents to make effective educational leadership decisions in the areas of student's rights, academic freedom, religion and education, discipline, discrimination, negotiations and special education. This course is designed to provide current and future school leaders with the knowledge and skills they will need to make sound decisions, advance important educational objectives, and minimize legal problems.

EDD-722  Leading Digital Learning and Innovation in Education: Empowered Learners and Organizations  Credits: 3
Term Offered: All Terms
Course Type(s): None
Investigates and analyzes the theories of disruptive innovation in leading continuous school transformation. Additionally, this course will enable students to practice systemic solution, evaluation, design and development associated with integrating emerging innovations in education. The research literature associated with digital learning will be used to explore the nature of digital learning, where it occurs, how we experience it, how we think about it, and how we can use digital tools to enhance learning. Course content includes 1) readings related to action in the profession, such as disruptive innovation, leading change in self-organized networks, action research, and participatory action research; and 2) a survey of topics associated with the thinking process associated with active approaches to learning, such as reflection, design thinking, creativity, and school innovation. Activities and assignments will include group discussions, individual and group presentations, action research, and classroom observation and analysis.

EDD-724  Organizational Leadership Theory and Research  Credits: 3
Course Type(s): None
Organizational Leadership Theory and Research in education will examine the study, practice, and theory of educational leadership by exploring organizational change theories and analyzing tools necessary for leading system wide change. Students will explore systems within organizations that promote or hinder the change process. With this course, students will enhance their understanding of educational organizations and construct an organizational change project within his/her own school or district.

EDD-750  Advanced Program Analysis  Credits: 3
Term Offered: Fall Term
Course Type(s): None
This course examines the key concepts, methods, and approaches in the field of evaluation research, and program development. It is designed to be taken in conjunction with Transformative Leadership Dissertation for doctoral students and will support the candidate's plan development. Students will be exposed to the basic principles and best practices in educational program evaluation as well as the process of using evaluations and data driven assessment, that is unique to their district, to make decisions on the implementation of new programs or on the continuation of existing programs. Some statistical analysis, combined with a comprehensive range of activities involved in designing and implementing educational programs will be the primary focus of the course. This course will also present students with the larger political, administrative, and financial issues that occur in program evaluation.

EDD-752  Quantitative Research  Credits: 3
Course Type(s): None
Introduces educational leaders to concepts in quantitative research in preparation for conducting independent research. There is a focus on critically understanding quantitative research methodology and the ability to apply it appropriately to various education issues. In addition, students will become familiar with the statistical program SPSS, as well as, how statistics can be utilized to address relevant educational issues.

EDD-754  Leadership and Assessment  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Designed to focus on student achievement and service to diverse student populations, implementation of the Standards, research-based pedagogical innovations, and successful use of summative and formative assessment measures. Current models used to assess students' learning will be examined, including the use of performance criteria. Students will develop instruction and development plans to be implemented in their own organizational settings. These plans must show the alignment of instruction and assessment to student learning outcomes.

EDD-756  Qualitative Research  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Designed to provide a general understanding of qualitative research methods and issues related to the design and conduct of qualitative studies. The course emphasizes experiential learning. You will have opportunities, both in class/lab and outside class, to learn by doing. Throughout the course you will be asked to reflect on what you are learning; this reflection on the practice of research will enhance your capacity to read, evaluate, design, and conduct qualitative studies. If you wish to pursue qualitative research projects, this course will provide you with the basic knowledge and skills you will need, but it is not a substitute for extensive reading and thinking about specific methods and their use, and additional learning through courses and supervised research experiences. The general aim of the course is to facilitate understandings of the following questions: 1. What is qualitative research? 2. What constitutes quality qualitative research? 3. What are the various tools/methods of a qualitative researcher? 4. What are the critical components of a qualitative research proposal?
EDD-760 Dynamic Leadership in Higher Education Credits: 3
Term Offered: Spring Term
Course Type(s): None
This course is intended to give you an understanding of the various theories that inform leadership education and practice in colleges and universities. In this course, you are invited to see leadership as discipline that transcends functional area, serving as a framework to lead and guide within higher education and beyond. As a participant in this class, you are asked to not only look at the leadership theories presented in class to formulate your approach as an educator, but also how you see these theories inform the ways in which you move and engage with the world around you.

EDD-762 Governance in Community Colleges Credits: 3
Course Type(s): None
This course is planned for current and prospective community college faculty, staff and administrators who seek to learn more about America’s comprehensive community colleges and their role in the post-secondary knowledge industry. The course topics this semester will deal with the several major issues/topics that are critically important to community colleges. Community colleges offer vast new opportunities in higher education leadership. By engaging in intensive research, interactive discussions, continuous reading and writing, and creating new digital platforms for students and faculty, the participants in this course will develop the skills necessary to redefine the first steps of tertiary education in the twenty-first century.

EDD-764 Higher Education Law and Policy Credits: 3
Term Offered: Fall Term
Course Type(s): None
This course examines legal issues relevant to American colleges and universities to provide students with the fundamental knowledge of higher education law for administrators. The law provides for a supporting role to the overall mission of a college or university, and without its adherence, the mission may be negatively affected, if not unaccomplished. EDD 764 Higher Education Law and Policy provides students with an overview of the major aspects of the legal environment that specifically impact institutions of higher education. Institutions of higher education are affected by laws that range from privacy and reporting to admissions and financial aid practices. This course offers students an opportunity to use legal resources, to learn strategies for addressing these legal requirements and for staying abreast of emerging legal concerns in higher education. Topics include the legal governance of higher education, academic freedom, affirmative action, and legal issues pertinent to faculty and students.

EDD-766 Higher Education in the United States Credits: 3
Term Offered: Summer Term
Course Type(s): None
This course is designed to help you think about colleges and universities and the historical and social forces that have affected their development in the United States. Since education is an issue we often think about in personal terms, especially higher education, the course is intended to use our own knowledge and insights as a starting point, and to expand upon our reasoning skills as we study these issues historically. We will do this by reading, discussing and thinking about colleges and universities and the students that attended them in the past. Through this, the aim of this course is to provide everyone with a sound framework for using historical analysis to interpret problems in higher education, and in the development of American society. In the course of doing this you will be asked to offer evidence of your learning, particularly with regard to your historical reasoning abilities. You will do this through discussion of readings, in class presentations and exploration of key issues, and through your written work. It is critical, in that case, that you attend every class, complete assigned readings on schedule, and submit written work when expected.

EDD-768 Higher Education Finance Credits: 3
Term Offered: Spring Term
Course Type(s): None
The purpose of this course is to understand the concepts related to Higher Education Finance and its impact upon the Higher Education system in the United States. The course will provide an introductory examination of financial, economic, and budgetary issues within higher education. Focusing on not-for-profit postsecondary schools, students will review the primary political, economic, and social issues influencing higher education finance, examine revenue streams and expenditure patterns, survey tuition and financial aid policies, develop the ability to examine and analyze financial information, and assess the budget as an instrument of strategic planning, resource allocation, and control. The course is grounded in literature, theories, and examples specific to higher education. The goal is to provide students with the knowledge and abilities that empower them to make appropriate decisions as higher education leaders. Course Goals: This course aims at a working understanding of the economics of higher education finance. Thus, students at the end of the course should be able to: 1) Understand key economic concepts bearing on higher education finance in the United States and abroad; 2) Understand the logic of financial decisions in higher education; and 3) Apply such concepts and logic to various finance projects of their choosing.

EDD-799 Independent Study Education (DOC) Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent Study in Education Doctorate Level. Prior permission of the directing professor and department chair is required to take this course.
EDD-801  Research Design
Term Offered: All Terms
Credits: 1-3
Focus will be on the development of a theme for the student’s transformative leadership project. The Transformative Leadership Project provides opportunities for doctoral candidates to engage in leadership-related, authentic, action-research experiences in approved settings. Balancing theory with practice, working under the mentorship of an Ed Leadership Professor in collaboration with a superintendent or assistant superintendent, candidates will be immersed in the realities of practice and hone their research skills while solving relevant, school-based challenges. After a detailed needs assessment, the students will be required to decide on one program in their school district that needs to be improved. Doctoral candidates will utilize the design process in order to identify an organizational challenge, create a solution, implement, measure, and redesign as appropriate. Sessions will encompass a blended learning model where candidates will have the opportunity for face to face experiences with peers as well as virtual sessions and ongoing support. Learning activities are experiential and research driven, reflect the School of Education’s Conceptual Framework, and are linked to the leadership paradigm advocated by the Professional Standards for Educational Leaders (formerly ISLLC). This course will address theoretical, philosophical, and epistemological questions around action research. We will discuss the tradeoff’s that come with action research compared to more traditional research—how can insider status better inform research, and what might we lose compared to traditional research methods? How can the actions research framework better solve organizational problems, and on the other hand what insights may be lost by focusing on a single organization’s questions or problems? This seminar will meet once a month for the fall and spring semesters. In addition to being a research design class, the class will also guide students through the actions research process that they can employ in other research, as well.

EDD-802  Writing for Professional Publication in Education
Term Offered: Summer Term
Credits: 1-3
The Transformative Leadership project classes provide opportunities for doctoral candidates to engage in leadership-related, authentic, action-research experiences in approved settings. Balancing theory with practice, working under the mentorship of an Ed Leadership Professor and in collaboration with a superintendent or assistant superintendent, candidates will be immersed in the realities of practice and hone their research skills while solving relevant, school-based challenges. Doctoral candidates will utilize the design process in order to identify an organizational challenge, create a solution, implement, measure, and redesign as appropriate. Sessions will encompass a blended learning model where candidates will have the opportunity for face to face experiences with peers as well as virtual sessions and ongoing support. Learning activities are experiential and research driven, reflect the School of Education’s Conceptual Framework, and are linked to the leadership paradigm advocated by the Professional Standards for Educational Leaders (formerly ISLLC). This course is designed to introduce doctoral students to the professional publication process. Students will engage in two major activities during the course: 1) learning how to organize a dissertation to fulfill the program requirements for the transformative learning project and 2) to write an article for professional publication. To meet the first requirement, you will revise your three-chapter project proposal created during EDD-801 Research Design, make a formal project proposal for the second year of the program to your dissertation committee, and learn how to write chapters 4 and 5 of the dissertation. To meet the second requirement, you will become familiar with editorial policies of relevant periodicals, identify various professional publication outlets, and review manuscripts using professional editorial criteria. The course will culminate in a finished manuscript submitted for publication.
EDD-803 Design-Based Research  
Term Offered: Fall Term  
Course Type(s): None  
The Transformative Leadership project classes provide opportunities for doctoral candidates to engage in leadership-related, authentic, action-research experiences in approved settings. Balancing theory with practice, working under the mentorship of an Ed Leadership Professor and in collaboration with a superintendent or assistant superintendent, candidates will be immersed in the realities of practice and hone their research skills while solving relevant, school-based challenges. Doctoral candidates will utilize the design process in order to identify an organizational challenge, create a solution, implement, measure, and redesign as appropriate. This course has two main purposes. First, it introduces students to different design-based research methods in educational research. Second, it provides students with an intensive experience in carrying out their own design-based research studies. Through a combination of readings, lectures, demonstrations, discussions, site visits and class exercises, students will be introduced to the issues and practices associated with design-based research and how different researchers engage in this kind of work. By learning about the work of different researchers, students will also be introduced to distinct forms of design-based research in education. In their transformative learning project, students will apply what they have learned to the design and conduct of their own design-based research studies. Design-based research is a research approach that systematically investigates teaching, learning and/or training phenomena through multiple cycles of design, development, evaluation and implementation of educational interventions (which may consist of curriculum/training interventions, systemic school programs, informal or formal teaching-learning strategies and materials, technology-based products and systems, etc.). This course will examine the history of this research approach along with related current literature, commentary and research. This form of inquiry necessarily involves foundational features of design practice as well as quantitative and qualitative research as appropriate. This course is not a substitute for coursework on quantitative or qualitative methods. It is actually intended to complement such courses. The purposes a scholar intends to achieve determine the appropriate form of inquiry.

EDD-804 Analyzing and Interpreting Data  
Term Offered: Summer Term  
Course Type(s): None  
The Transformative Leadership project classes provide opportunities for doctoral candidates to engage in leadership-related, authentic, action-research experiences in approved settings. Balancing theory with practice, working under the mentorship of an Ed Leadership Professor and in collaboration with a superintendent or assistant superintendent, candidates will be immersed in the realities of practice and hone their research skills while solving relevant, school-based challenges. Doctoral candidates will utilize the design process in order to identify an organizational challenge, create a solution, implement, measure, and redesign as appropriate. Sessions will encompass a blended learning model where candidates will have the opportunity for face-to-face experiences with peers as well as virtual sessions and ongoing support. Learning activities are experiential and research driven, reflect the School of Education’s Conceptual Framework, and are linked to the leadership paradigm advocated by the Professional Standards for Educational Leaders (formerly ISLLC). This course is designed to immerse doctoral students in the analysis of interpretation of data. You will engage in the examination of data reflected to your transformative learning project. During the course, you will present and explain your research findings, outline chapters 4 and 5 of your dissertation, and then final draft for chapters 4 and 5 of your dissertation. You will also give a PowerPoint presentation of your defense in preparation for your oral dissertation defense. The primary outcome of the course will be the completion of chapters 4 and 5 of your dissertation.

EDD-899 Independent Study in Education 800 Level Doctorate  
Credits: 3  
Course Type(s): None  
Independent Study in Education (800 level) Doctorate. Prior permission of the directing professor and department chair is required to take this course.

EDL-504 Introduction to Educational Leadership and Supervision for Student Learning P-12  
Term Offered: All Terms  
Course Type(s): None  
An introduction to the conceptual, theoretical, and practical foundations of educational administration and supervision. Examines the knowledge and research base of learning theory and the role of administrators and supervisors as instructional leaders in transferring theory into best practices to enhance student learning and sustain professional learning communities.

EDL-530 School Law and Policy  
Term Offered: All Terms  
Course Type(s): None  
A study of court decisions addressing the legal principles affecting education, schools, and school professionals. Constitutional, statute, and administrative laws related to education are examined and analyzed through case studies and Socratic methods.

EDL-531 Economics and School Business Leadership  
Credits: 3  
Course Type(s): None  
Should be thought of as an applied economics course. It will focus on the topics that are of the greatest interest and importance to school business administrators. Applies topics in economic theory to administrative decision making. This course is concerned with the relationships between schools, consumers, and the economic environment in which they operate.
EDL-532  Human Resource Management and School Finance  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides combined theory and practice of human resource management and public school finance in relation to expenditures and resources, and state and federal support of education in local school districts.

EDL-533  Community Relations  Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines the theoretical and practical approaches for establishing effective school/community relations and the role of the educational leader in promoting the success of all students by collaborating with families and other community members.

EDL-534  Principles of Accounting for School Business Administrators  Credits: 3
Course Type(s): None
Provides the candidate with a basic understanding of the Generally Accepted Accounting Principles (GAAP) used in the School Business Administrator’s office. The topics of tax levies, budgeting, purchasing, bidding, and referenda will also be discussed.

EDL-535  School Facilities Planning and Management  Credits: 3
Course Type(s): None
Provides school district administrators the fundamental concepts of planning, designing and constructing new educational facilities and/or the rehabilitation, remodeling or modernization of existing facilities. Additionally, the course includes operation and maintenance programs.

EDL-536  Curriculum Development and Design  Credits: 3
Term Offered: All Terms
Course Type(s): EDCUR
Examining models of curriculum development, candidates evaluate, design and develop effective curricula to support the instructional process and enhance student learning experiences.

EDL-537  Technology for School Leaders  Credits: 3
Course Type(s): None
Focuses on the practical applications and the authentic use of technology to provide instructional and administrative support of the learning community.

EDL-539  Instructional Theory and Leadership for Student Learning  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Examines the knowledge and research base of learning theory and the role of the instructional leader in transferring theory into best practices to enhance student learning and sustain professional learning communities.

EDL-569  Public School Supervision and Communication  Credits: 3
Prerequisite(s): EDL-536 or EDL-565
Term Offered: All Terms
Course Type(s): None
Aspiring supervisors and principals will develop a greater understanding of the knowledge, interpersonal skills, and technical processes necessary to provide developmental supervision and professional growth experiences for staff members.

EDL-582  Practicum in Supervision and Curriculum P-12  Credits: 3
Prerequisite(s): EDL-569 or EDL-565
Course Type(s): None
Application of duties and responsibilities of the supervisor and/or curriculum specialist to an in-school supervised practicum project.

EDL-588  Topics in School Leadership, Supervision, and Curriculum P-12  Credits: 3
Prerequisite(s): EDL-569
Co-requisite(s): EDL-590A
Course Type(s): None
Principles, problems, and techniques relative to the duties and responsibilities of the elementary and secondary school administrator and/or supervisor will be discussed in conjunction with the ELCC Standards including curriculum review and revisions. Practical application of these concepts will be the primary focus of the course and the course assessments.

EDL-589  Advanced Topics in School Leadership, Supervision, and Curriculum P-12  Credits: 3
Prerequisite(s): EDL-588
Co-requisite(s): EDL-590B
Course Type(s): None
Principles, problems, and techniques relative to the duties and responsibilities of the elementary and secondary school administrator and/or supervisor will be discussed in conjunction with the ELCC Standards. Further extending the practical application of the concepts in EDL-588 will be the primary focus of the course and the course assessments.

EDL-590A  Internship for School Leadership (P-12) I  Credits: 1
Co-requisite(s): EDL-588
Term Offered: All Terms
Course Type(s): None
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

EDL-590B  Internship for School Leadership (P-12) II  Credits: 1
Co-requisite(s): EDL-589
Course Type(s): None
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

EDL-598  Special Topics in Educational Leadership  Credits: 3
Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student’s transcript. Permission of the program director is required. If a prerequisite is required it will be announced in the course schedule.
EDL-599 Independent Study in Education  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

EDL-602 Research Methodology and Applications II  Credits: 3
Prerequisite(s): EDC-606
Term Offered: Spring Term
Course Type(s): None
This course is designed to extend students’ understanding of research methodological knowledge and techniques presented in EDC-606 Research Methodology and Applications I. Beginning with an in-depth examination of the various types of quantitative and qualitative research designs in education, the course will present students with inferential statistical procedures, experimental vs. non-experimental studies, and an analysis of results and their implications. Students will use the information garnered through this course, along with their completed research proposal, to gather, analyze, and present their data and findings in the form of a research thesis.

EDL-603 Individual Research Study  Credits: 3
Course Type(s): None
Techniques of educational research including: types of research, problem definition, variables and controls, data collection, data analysis and communication of results.

EDL-606 Research Based Program Evaluation and Decision Making  Credits: 3
Prerequisite(s): EDL-569
Term Offered: All Terms
Course Type(s): None
Examines key concepts, methods, and approaches in the field of evaluation research. Students will be exposed to the basic principles and practices in educational program evaluation as well as the process of using evaluations to make decisions on the implementation of new programs or on the continuation of existing programs. Research of best practices, data-driven assessment that is unique to each student’s particular school, statistical analysis, combined with a comprehensive range of activities involved in designing and implementing educational programs will be the primary focus of the course. Presents students with the larger political, administrative, and financial issues that occur in program evaluation.

EDL-620 Practicum in Executive Leadership  Credits: 3
Prerequisite(s): EDL-589
Course Type(s): None
Issues, principles, and responsibilities of the executive leader at the district level are focused on. Using the ELCC Standards as a guide, the practical applications of contemporary principles of educational leadership through a 150-hour internship experience are explored.

EDL-672 Advanced Theory in Play Therapy  Credits: 3
Term Offered: Spring Term
Course Type(s): OL
Provides an in-depth understanding of the history and theories of play therapy. Emphasis is placed on the understanding of the roles of therapists and parents through the play process. Diversity and multicultural considerations for theoretical perspectives are highlighted.

EDL-673 Advanced Techniques in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): HY
Provides students with the opportunity to develop techniques and methods of play therapy. Emphasis is placed on working with children, adolescents, and adults through individual, group, and family play therapy. Major topics include group play therapy, family play therapy, short-term play therapy, and sand tray/sand play therapy. Additionally, diversity and multicultural considerations are highlighted.

EDL-674 Play Therapy for Children at Risk  Credits: 3
Term Offered: All Terms
Course Type(s): OL
Focus is on play therapy with vulnerable and high-risk children. Emphasis on working with children, adolescents, and adults using play therapy in trauma and crisis situations is highlighted. Special attention is given to social issues that can lead to or exacerbate trauma or crisis.

EDL-679 Independent Study in Educational Leadership  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

M.S.Ed. Principal/School Administrator/Supervisor (EDPR.SA.MSED)

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<td>Administration and Supervision of Literacy Practices and Professional Development for School Leaders</td>
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<td>Internship for School Leadership (P-12) II</td>
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<td>EDL-620</td>
<td>Practicum in Executive Leadership</td>
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Total Credits 35
Admission Requirements

1. Applicant must be a certified teacher. (Does not apply to MSED School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must explain why social justice is important to the applicant and how the applicant forsees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSED programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.
5. Students applying to the MSEd School Counseling and MSEd Student Affairs and College Counseling programs must participate in a group interview.

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

M.S.Ed. Principal/Supervisor (EDPR.MSED)

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M.S.Ed. School Counseling (COUNSEL.MSED)

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<td>EDC-505</td>
<td>Counseling and Ethical Practice</td>
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<td>EDC-510</td>
<td>Human Growth and Development</td>
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<td>EDC-540</td>
<td>Group Counseling</td>
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<td>EDC-530</td>
<td>Counseling Theory and Practice</td>
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<td>EDC-520</td>
<td>Advanced Topics in Race and Racism</td>
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<td>EDC-545</td>
<td>Career Development and Counseling</td>
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<td>EDC-535</td>
<td>Diversity and Social Justice</td>
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<td>EDC-550</td>
<td>Counseling At-Risk Children and Families</td>
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<td>EDC-525</td>
<td>Assessment for Counseling</td>
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<td>EDC-600</td>
<td>Practicum in Counseling</td>
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<td>EDC-555</td>
<td>School Counseling Program Planning and Consultation</td>
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<td>EDC-601A</td>
<td>Internship in Counseling I: School Counseling</td>
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<td>EDC-602A</td>
<td>Internship in Counseling II: School Counseling</td>
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<td>EDC-CPE</td>
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<td>EDC-580</td>
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<td>EDC-606</td>
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Note
• Completion of this program does not qualify student for LPC Certification.

Admission Requirements
1. Applicant must be a certified teacher. (Does not apply to MSED School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant forsees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSED programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.
5. Students applying to the MSED School Counseling and MSED Student Affairs and College Counseling programs must participate in a group interview.

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

M.S.Ed. Student Affairs and College Counseling (SACC.MSED)

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<td>EDC-606</td>
<td>Research Methodology and Applications</td>
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<tr>
<td>EDC-501</td>
<td>Introduction to College Student</td>
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EDC-505 Counseling and Ethical Practice 3
EDC-510 Human Growth and Development 3
EDC-540 Group Counseling 3
EDC-530 Counseling Theory and Practice 3
EDC-520 Advanced Topics in Race and Racism 3
EDC-545 Career Development and Counseling 3
EDC-535 Diversity and Social Justice 3
EDC-525 Assessment for Counseling 3
EDC-600 Practicum in Counseling 3
EDC-601B Internship in Counseling I: Student Affairs/College Counseling 3
EDC-602B Internship in Counseling II: Student Affairs/College Counseling 3
EDC-CPE Counseling Preparatory Comprehensive Examination 0
EDC-580 Behavioral Issues in Counseling 3
EDC-606 Research Methodology and Applications 3
EDC-501 Introduction to College Student Development and Student Affairs 3
EDC-500 Introduction to Professional Counseling 3

EDC-541 Leadership and Administration of Campus Environments 3

Total Credits 48

Note
• Completion of this program does not qualify student for LPC Certification or K-12 School Counselor Certification.

Admission Requirements
1. Applicant must be a certified teacher. (Does not apply to MSED School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more) explaining why the applicant wishes to pursue this graduate program.

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

Director of School Counseling Services Post-Master's Endorsement (END.ED.P.DSCS)

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<td>EDL-530</td>
<td>School Law and Policy</td>
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<td>EDC-565</td>
<td>Supervision of Counselors</td>
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<tr>
<td>EDL-536</td>
<td>Curriculum Development and Design</td>
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Total Credits 9

Admission Requirements
1. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a minimum 3.0 GPA in the undergraduate major.
2. Possession of a master’s degree.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more) explaining why the applicant wishes to pursue this graduate program.
Note: Must hold a New Jersey school counselor or student personnel services certificate or an equivalent out-of-state certificate. Upon completion, provide documentation evidencing completion of three years of successful experience as a school counselor in grades P-12 to be eligible for the endorsement.

Student Assistance Coordinator Graduate Endorsement (END.ED.GR.SAC)

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<tr>
<td>PC-540</td>
<td>Introduction to Alcohol and Drug Abuse</td>
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<tr>
<td>PC-515</td>
<td>Human Development through the Life Span</td>
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<tr>
<td>EDC-510</td>
<td>Human Growth and Development</td>
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<tr>
<td>SW-509</td>
<td>Human Behavior in the Social Environment</td>
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<tr>
<td>PC-546</td>
<td>Substance Awareness in the Schools</td>
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<tr>
<td>or SW-628</td>
<td>School Social Work</td>
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<tr>
<td>PC-542</td>
<td>Treatment of Alcohol and Drug Abuse</td>
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<tr>
<td>EDC-517/PC-510</td>
<td>Community Mental Health</td>
<td>3</td>
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<tr>
<td>or SW-518</td>
<td>Global Community Practice</td>
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<td>Select one of the following:</td>
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<td>PC-680</td>
<td>Clinical Internship in Professional Counseling</td>
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<td>EDC-610</td>
<td>SAC Internship</td>
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<td>SW-630</td>
<td>Field Practicum III FC</td>
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<tr>
<td>EDC-555</td>
<td>School Counseling Program Planning and Consultation</td>
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</table>

Total Credits 21

Admission Requirements

1. Hold a standard instructional certificate, or a school psychologist, school social worker, school counselor, director of school counseling services, or school nurse endorsement, or a valid Licensed Clinical Alcohol and Drug Counselor credential issued by the New Jersey Alcohol and Drug Counselor committee of the Marriage and Family Board, or a valid Certified Prevention Specialist credential issued by the Addiction Professionals Certification Board of New Jersey, or hold a master’s or higher degree from a regionally accredited college or university.

2. Applicant must submit an essay of 500 words or more explaining why applicant wishes to pursue a Student Assistance Coordinator (SAC) endorsement.

3. Official undergraduate and graduate transcripts.

M.S.Ed. in Supervisor of Educational Technology (SET.MSED)

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<td>EDL-569</td>
<td>Public School Supervision and Communication</td>
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<tr>
<td>EDL-582</td>
<td>Practicum in Supervision and Curriculum P-12</td>
<td>3</td>
</tr>
<tr>
<td>EDL-593</td>
<td>Administration and Supervision of Literacy Practices and Professional Development for School Leaders</td>
<td>3</td>
</tr>
<tr>
<td>ED-601</td>
<td>Principles of Technology and Theoretical Foundations for Instructional Technology</td>
<td>3</td>
</tr>
<tr>
<td>ED-615</td>
<td>Empowering Students and Educators Through the Design of Blended Learning Opportunities</td>
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</tr>
<tr>
<td>ED-625</td>
<td>Technology Trends in a Global Society</td>
<td>3</td>
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<tr>
<td>ED-655</td>
<td>Leveraging Technology to Support the Inclusive Classroom</td>
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<tr>
<td>ED-667</td>
<td>Leading Technology Transformation</td>
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<tr>
<td>ED-678</td>
<td>Practicum in Educational Technology Supervision</td>
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</table>

Total Credits 30

Admission Requirements

Bachelor’s Degree: All applicants must have an earned bachelor’s degree in education, business, or related field from a regionally accredited institution. Official transcripts are required from each institution in which bachelor’ level credits were earned.

Grade Point Average: Applicants must have a minimum grade point average of 3 out of 4.

Current CV/Resume: A current resume/curriculum vitae should outline the applicant’s educational background, employment history, professional activities, and other activities that provide support for admission.

Two Letters of Recommendation: These letters should address the applicant’s readiness for graduate study.

Personal statement: This two-page essay should describe the applicant’s preparation for study in the program and personal objectives for graduate study.

International students: Applicants whose native language is not English must take the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS). For graduate students, the requirements are: 550 for the paper-based TOEFL, 213 for the computer-based, and 79 for the Internet-based test. In addition to the TOEFL, Monmouth will accept the IELTS with a minimum score of 6, Duolingo English Test with a minimum score of 105, the Michigan English Language Assessment Battery (MELAB) with a minimum score of 77, or the Certificate of Advanced English (CAE) with a minimum score of a B2. Pearson Test of English Academic-(PTE) with a minimum score of 55, TOEIC with a minimum Listening/Reading score of 700 and a minimum Speaking/Writing score of 7 or 270, or an ITEP exam with a score between 3-7 and 3.9.
### Supervisor Post-Master's Endorsement (END.ED.P.SPVR)

<table>
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<tr>
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</tr>
<tr>
<td>EDL-593</td>
<td>Administration and Supervision of Literacy Practices and Professional Development for School Leaders</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 12

### Admission Requirements

1. Possession of a Master's degree.
2. Applicant must be a certified teacher. (Does not apply to MSEd School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)
3. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.
4. Two letters of recommendation related to the applicant's competence for this graduate program and professional work.
5. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant foresees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSED programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.
6. Students applying to the MSEd School Counseling and MSEd Student Affairs and College Counseling programs must participate in a group interview.

**Notes:**

- Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.
- The state code requires that an applicant for the Supervisor certification must hold a standard New Jersey instructional or educational services certificate or its out-of-state equivalent, and complete three years of successful, full-time teaching and/or educational services experience.
- Teaching and/or educational services experience completed in a New Jersey public school must have been under an appropriate New Jersey certificate.

### Ed.D. Educational Leadership (EdD)

<table>
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<tr>
<td>EDD-702</td>
<td>Adult Development and Transformative Learning ¹</td>
<td>3</td>
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<tr>
<td>EDD-706</td>
<td>Learning Through Experience: Individuals and Organizations ¹</td>
<td>3</td>
</tr>
<tr>
<td>EDD-710</td>
<td>Leadership, Diversity and Equity ¹</td>
<td>3</td>
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<tr>
<td>EDD-712</td>
<td>International Leadership Models ¹</td>
<td>3</td>
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<tr>
<td>EDD-714</td>
<td>Leadership and Change ¹</td>
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<td>EDD-716</td>
<td>Practicum in Executive Leadership ¹</td>
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<td>EDD-720</td>
<td>Contemporary Issues in Education ¹</td>
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<td>EDD-721</td>
<td>Education Law and Policy P-12 ¹</td>
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<tr>
<td>EDD-722</td>
<td>Leading Digital Learning and Innovation in Education: Empowered Learners and Organizations ¹</td>
<td>3</td>
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<td>EDD-724</td>
<td>Organizational Leadership Theory and Research ¹</td>
<td>3</td>
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<tr>
<td>EDD-750</td>
<td>Advanced Program Analysis ¹</td>
<td>3</td>
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<tr>
<td>EDD-752</td>
<td>Quantitative Research ¹</td>
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<td>EDD-754</td>
<td>Leadership and Assessment ¹</td>
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<td>Qualitative Research ¹</td>
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<td>EDD-801</td>
<td>Research Design ¹</td>
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<td>EDD-802</td>
<td>Writing for Professional Publication in Education ¹</td>
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<td>EDD-803</td>
<td>Design-Based Research ¹</td>
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<td>EDD-804</td>
<td>Analyzing and Interpreting Data ¹</td>
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<tr>
<td>EDD-THD</td>
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Total Credits: 54

¹ All courses must be completed with a 'B' or better.

### Admission Requirements

1. All applicants must have an earned master's degree in education, business, or related field. Official transcripts are required from each institution in which bachelor's and master's level credits were earned.
2. Applicants must have a minimum GPA of 3.25 out of 4, in a nationally accredited Master's Program.
3. Applicants must provide evidence of having taken the Verbal, Quantitative, and Analytical writing tests of the Graduate Record Examination (GRE) or the Graduate Management Admissions Test (GMAT), the Law School Admission Test (LSAT) or the Miller Analogies Test (MAT) within the last five years. Other exams may be considered.
4. A current resume/curriculum vitae should outline the applicant's educational background, employment history, professional activities, and other activities that provide support for admission.
5. Two letters of recommendation addressing the applicant's readiness for doctoral study.
6. A two-page personal statement describing the applicant's preparation for study in the program and personal objectives for graduate study.
7. Candidates may be selected for an interview by one or more members of the advisory board to determine the candidate's level of interest, aptitude, and career goals.
8. At or near the time of their interview, candidates may be asked to provide an onsite writing sample to be evaluated by the admission committee.
**Educational Leadership Doctorate - Higher Education Track (HE.EdD)**

<table>
<thead>
<tr>
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<tr>
<td>EDD-702</td>
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<td>EDD-722</td>
<td>Leading Digital Learning and Innovation in Education: Empowered Learners and Organizations</td>
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<td>Advanced Program Analysis</td>
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<td>EDD-756</td>
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<td>EDD-760</td>
<td>Dynamic Leadership in Higher Education</td>
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<td>EDD-762</td>
<td>Governance in Community Colleges</td>
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<td>EDD-764</td>
<td>Higher Education Law and Policy</td>
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<td>Analyzing and Interpreting Data</td>
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1 All courses must be completed with a 'B' or better.

**Teacher Leadership Endorsement (END.ED.GR.TL)**

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<td>ED-624</td>
<td>Research in Teaching Practice</td>
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**Admission Requirements**

1. **Master's degree**: All applicants must have an earned master's degree in education, business, or related field. Official transcripts are required from each institution in which bachelor's and master's level credits were earned.

2. **Grade Point Average**: Applicants must have a minimum grade point average of 3.25 out of 4, in a nationally accredited Master's Program.

3. **Standardized Test Scores or Scores**: Applicants must provide evidence of having taken the Verbal, Quantitative, and Analytical writing tests of the Graduate Record Examination (GRE) or the Graduate Management Admissions Test (GMAT) within the last five years.

4. **Resume/Curriculum Vitae**: A current resume/curriculum vita should outline the applicant's educational background, employment history, professional activities, and other activities that provide support for admission.

5. **Two letters of recommendation**: These letters should address the applicant's readiness for doctoral study.

6. **Personal statement**: This two-page essay should describe the applicant's preparation for study in the program and personal objectives for graduate study.
Special Education
Chair: Alex Romagnoli, Department of Special Education
Graduate Program Director: Carol McArthur-Amedeo

Certificates:
The Autism Certificate is a complete online certificate program recommended for teachers, related service providers, and Child Study Team members of other professionals to develop a clear understanding of the characteristics of students with autism spectrum disorders, as well as to learn effective, research-based teaching strategies; social, communicative, and behavioral interventions; and valuable supports for use within the educational environment. Applied Behavior Analysis (ABA) is a science that works to develop methods of changing behavior. Monmouth University's ABA online certificate program is appropriate for individuals who would like knowledge of working with students with autism in a multitude of settings or who wish to pursue Board Certification in behavior Analysis (BCBA).

Graduate Endorsements
Graduate endorsements are programs designed for teachers and counselors who wish to change specialties or enhance their skills in dealing effectively with diverse populations in the schools. Students may earn graduate endorsements without matriculating into a master’s degree program. Post-master’s endorsements require a master’s degree as a prerequisite. All programs are approved by the New Jersey State Department of Education.

Programs
Masters
- MSEd Special Education - Advanced Level Track (p. 180)
- MSEd Special Education - Autism Track (p. 180)
- MSEd Special Education - Autism and Applied Behavior Analysis Track (p. 181)
- MSEd Special Education - Learning Disabilities Teacher-Consultant Track (p. 181)
- MSEd Special Education - Teacher of Students with Disabilities Track (p. 182)
- MSEd Special Education - with Supervisor Endorsement (p. 183)

Certificates
- Applied Behavior Analysis (ABA) (p. 183)
- Autism (p. 183)

Endorsements
- Learning Disabilities Teacher-Consultant Post-Master's Endorsement (p. 184)
- Teacher of Students with Disabilities Graduate Endorsement (p. 184)

Faculty
Wendy Harriott, Associate Professor (Graduate Faculty), Associate Dean, School of Education. B.S., Bloomsburg University; M.S., Marywood College; Ph.D., Pennsylvania State University. Professional interests include special education, behavior management, and inclusive education.
wharriot@monmouth.edu

Ai Kamei, Assistant Professor (Graduate Faculty). B.A., M.S., Osaka Kyoiku University, Japan; Ph.D., The University of North Carolina at Greensboro.
akamei@monmouth.edu

Stacy Lauderdale-Littin, Associate Professor (Graduate Faculty). B.S., Clemson University; M.A., California State University, Northridge; Ph.D., BCBA-D, University of California, Riverside. Professional interests include autism spectrum disorders (ASD), teacher implementation of evidence-based practices for students with ASD, and student-teacher relationships.
slauder@monmouth.edu

Courses
EDS-500 Foundations of Special Education: Development Across the Lifespan Credits: 3
Term Offered: All Terms
Course Type(s): EDFOU, MAT
Focuses on major concepts and theories of child and adolescent growth and development from prenatal period through adulthood for typical and atypical individuals. The content includes the study of legal, cultural, and educational issues related to diverse students across the lifespan; research-based approaches for assessment, intervention, and remediation for students with disabilities; and technology applications in the classroom guided by the Council for Exceptional Children Code of Ethics and the Professional Practice Standards for Teachers of Exceptional Learners, and the New Jersey Professional Teaching Standards. Clinical hours required.

EDS-502 Autism: Characteristics, Etiology, and Current Issues Credits: 3
Term Offered: All Terms
Course Type(s): None
Content includes an overview of various characteristics and learning traits of students who are served within the category of autism spectrum disorders. Candidates will examine definitions, eligibility criteria, incidence rates, etiology and historical perspectives on autism. Perspectives on the roles and responsibilities of students, families, educational professionals, community personnel, and employers in relation to individuals with autism are also explored.

EDS-522 Accommodating Learners with Special Needs in Inclusive Settings Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed to explore the concept of inclusion, discuss it from a theoretical and practical perspective, and present strategies necessary for inclusion to be successful. Included will be an emphasis on instructional strategies, differentiated instruction, accommodations and modifications, and communication and consultation techniques for co-teaching and professional collaboration.

EDS-530 Research Issues and Trends in Special Education Credits: 3
Term Offered: All Terms
Course Type(s): EDRES
An appraisal of current practices and issues in the field of special education is conducted through discussion and review of the research literature. P-12 educators explore the code of ethics and standards of practice in the field and are encouraged to become critical consumers of research as a foundation for practice. The ability to critically analyze, synthesize, and evaluate the research base in special education is emphasized.
Focuses on the development and improvement of speech, language and social competence skills for individuals with autism. Also included are research-based approaches to assessment, intervention and remediation of communication disorders for individuals with autism. The functional relationship between communication skills and behavior is also examined. (Field experience is required.)

EDS-532  Physiological Aspects of Learning  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Extends candidates' knowledge of various applications of the physiological model of learning and learning disorders to various aspects of assessment and training of students with various learning, medical, and behavioral problems. Emphasis is placed on Learning Disorders (both right and left brain), ADHD (both inattentive and hyperactive), Social and Emotional Disorders, Autism Spectrum Disorder and other disorders under the category of Other Health Impaired (Tourette Syndrome and other chronic disorders).

EDS-534  Classroom Management in Inclusive Settings  Credits: 3
Prerequisite(s): EDS-572
Term Offered: All Terms
Course Type(s): MAT
Focus is on instructor-centered and learner-centered integration of technology to provide a technological supportive environment to meet the special needs of students. Clinical hours required.

EDS-535  Technology and Students with Disabilities  Credits: 3
Term Offered: All Terms
Course Type(s): MAT
Focus is on using assessment data from various developmental domains to plan, choose, and implement appropriate intervention strategies. Clinical hours required.

EDS-537  Collaborating with Families, Students, and Professionals in Community and Educational Settings  Credits: 3
Term Offered: All Terms
Course Type(s): None
A study of social, legal, and educational issues related to diverse students across the life span, research-based approaches for assessment, intervention, and remediation for students with disabilities, and technology applications in the classroom; the impact of disability on the family system; communication skills needed for collaborating with diverse families; identifying and researching community resources for persons with disabilities and their families; and strategies for involving the families in the referral and evaluation and development process of transition and career planning as well as the selection of transition resources and services.

EDS-538  Special Education Law  Credits: 3
Term Offered: Spring Term
Course Type(s): None
A historical overview of special education laws and the impact on special education services and professional practices in the United States. Includes a review of major court decisions and analysis of state laws, codes, and statutes. Application of legal principles in local processes and policies are examined.

EDS-542  Communication and Social Competence Skills  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Focuses on the development and improvement of speech, language and social competence skills for individuals with autism. Also included are research-based approaches to assessment, intervention and remediation of communication disorders for individuals with autism. The functional relationship between communication skills and behavior is also examined. (Field experience is required.)

EDS-550  Learning Theories and Applications in Educational Settings  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Covers various classical and contemporary philosophies, aspects and models of learning. Emphasis will be placed upon such topics as multiple intelligences, learning styles, teaching styles, information processing critical thinking skills, brain-based learning and other learning theories. Students will review and critique general learning theories, as well as investigate how people organize, encode, process, transform, utilize and articulate information presented in an instructional environment.

EDS-552  Methods of Teaching Students with Disabilities  Credits: 3
Prerequisite(s): EDS-500, EDS-535, EDS-537 and EDS-572
Term Offered: All Terms
Course Type(s): None
Implementation of evidence-based practices in lessons and unit plans for students with disabilities in separate and inclusive settings. Methods in the field of special education are emphasized. Identifying and creating accommodations and modifications to meet the needs of all students in special education and inclusive settings. Pedagogy that is applicable to teaching literacy to struggling readers and students with disabilities, including literacy in the content areas. Clinical hours required.

EDS-555  Assessment and Interventions for Individuals with Autism I  Credits: 3
Prerequisite(s): EDS-566
Term Offered: All Terms
Course Type(s): MAT
Assessment processes such as screening, diagnosis, and identification of developmental skills for individuals with autism are included. Focus is on assessment of specific skills in developmental domains, such as sensory, oral, motor, play, and communication and practical strategies detailing what to teach based on assessment data. Research-based interventions that promote progress in the areas of communication, social, academic, behavior, and sensory motor skills for students with autism are examined. An overview of numerous curricula approaches and materials for individuals with autism are also included. Methods for monitoring the impact of interventions are explored in a variety of service delivery models. (Field experience is required.)

EDS-556  Assessment and Interventions for Individuals with Autism II  Credits: 3
Prerequisite(s): EDS-566
Term Offered: Spring Term
Course Type(s): None
Various assessment processes such as screening, diagnosis, and identification of specific skills for individuals with autism are included. Focus is on using assessment data from various developmental domains to plan, choose, and implement appropriate intervention strategies based on specific needs of an individual with autism. An overview of numerous curricula approaches and materials for individuals with autism is included in this course. (Field experience is required.)
EDS-568  Advanced Instructional Methods in Special Education  Credits: 3
Prerequisite(s): EDS-500
Term Offered: All Terms
Course Type(s): None
A focus on the physical and instructional dimensions of teaching to include research-based strategies and techniques for learners with special needs; effective instruction for students with disabilities especially in literacy and math area; accommodations and adaptations; technology across the curriculum; as well as the learning implications of classroom organization and planning. This course requires demonstration that enrollees are able to evaluate, design, structure and implement instructional techniques and curriculum adaptations for students with learning problems. (Field experience is required.)

EDS-570  Assessment and Curricula Interventions and Strategies  Credits: 3
Term Offered: All Terms
Course Type(s): None
A supervised clinical course where candidates develop assessment plans and conduct assessments of students (P-12) who are at risk or who have learning problems. Content includes: evaluation of sound assessment; reliability and validity; formal and informal assessment techniques; administration of norm-referenced and informal tests; analysis of data; and the interpretation of assessment for educational intervention and instructional planning. The knowledge and skills of the educational diagnostician are also emphasized.

EDS-571  Management of Challenging Behaviors  Credits: 3
Term Offered: All Terms
Course Type(s): None
An overview of the use of applied behavior analysis (ABA) for individuals with autism is the main focus of the course. Included are methods to increase behaviors, decrease behaviors, maintain behaviors, and generalize behaviors. Observation skills, data collection, and monitoring effectiveness of interventions are practiced. (Field experience is required.)

EDS-572  Assessment Strategies and Applications in the Classroom  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the educational assessment of students P-12 who may be at risk or who have been identified as having learning problems. Course content includes a discussion of assessment processes and concerns, importance of early intervention and procedural considerations. The course also includes an emphasis on educational interventions and strategies necessary to create an environment that leads to success for all learners with special needs. Further topics that are presented include accommodations and adaptations; technology across the curriculum; and learning implications of classroom assessments, classroom organization and planning. Candidates must demonstrate that they are able to create informal assessments, analyze data and structure and collaborate about instructional techniques and curriculum adaptations for students with learning problems. Clinical hours required.

EDS-580  Experimental Design  Credits: 3
Prerequisite(s): EDS-530
Term Offered: Spring Term
Course Type(s): OL
This course will prepare students to utilize single subject experimental designs. Topics will include dependent and independent variables, internal and external validity, and identification of features and advantages of single subject designs. Candidates will prepare and implement a comprehensive research project utilizing a single subject design as a culminating project. Fieldwork is required. Education majors only.

EDS-599  Independent Study in Special Education  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course.

EDS-600  Applied Behavior Analysis: Introduction  Credits: 3
Term Offered: Fall Term
Course Type(s): OL
This course includes an overview of basic concepts associated with applied behavior analysis (ABA). Candidates will explore the science of behavior analysis including goals, philosophical assumptions, and dimensions of ABA. Basic concepts and principles (including definitions and examples) will also be introduced. Education majors only.

EDS-601  Applied Behavior Analysis: Concepts and Principles  Credits: 3
Prerequisite(s): EDS-600
Term Offered: Spring Term
Course Type(s): OL
This course teaches foundational concepts and principles of applied behavior analysis (ABA). There will be a specific focus on the learning principles, basic characteristics, processes, concepts and terminology in ABA. Education majors only.
EDS-603  Applied Behavior Analysis: Behavior Assessment  Credits: 3
Prerequisite(s): EDS-601, EDS-602
Term Offered: Summer Term
Course Type(s): None
This course will focus on functional behavior assessment. Topics include reviewing records, determining the need for services, identifying socially significant behavior change goals, conducting assessments, describing functions of behavior, and interpretation of functional assessment data. Education majors only.

EDS-604  Applied Behavior Analysis: Behavior Change Procedures  Credits: 3
Prerequisite(s): EDS-601, EDS-602, and EDS-603
Term Offered: Summer Term
Course Type(s): OL
This course will focus on the use and evaluation of conducting functional behavior change procedures for behavior analysts working in the field. Topics include using reinforcement, punishment, shaping, chaining, extinction, token economies, group contingencies, self-management, prompting, and evidence-based teaching strategies. Using procedures to promote generalization and maintenance will also be discussed. Education majors only.

EDS-605  Research and Advanced Topics: in Autism and ABA  Credits: 3
Prerequisite(s): EDS-601, EDS-602, EDS-603 and EDS-604
Term Offered: All Terms
Course Type(s): None
Includes detailed information on evidence-based practices associated with autism spectrum disorders. Emphasis is also placed on interpretation/analysis of peer-reviewed journal articles associated with autism interventions. (Field experience is required.)

EDS-606  Ethics and Professionalism for Behavioral Analysis  Credits: 3
Prerequisite(s): EDS-601, EDS-602, EDS-603 and EDS-605
Course Type(s): None
Content focuses on ethical considerations and professionalism within the field of behavior analysis. Emphasis is placed on interpretation/analysis of case studies in order to identify ethical and best practices within the field. Skills in collaboration, feedback, goal setting, termination and follow-up are discussed and integration of ethical and legal procedures into behavioral analytic practice with individuals and families is emphasized.

EDS-610  Internship in Learning Disabilities Teacher-Consultant  Credits: 3
Prerequisite(s): EDS-570, EDS-590 and approval of the program director
Term Offered: All Terms
Course Type(s): None
Teacher consultation in a public or private agency as part of a Child Study Team under the supervision of a certified Learning Disabilities Teacher-Consultant and a faculty member.

EDS-699  Independent Study in Special Education  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course.

M.S.Ed. in Special Education - Advanced Level Track (YI.ALT.MSED)

Admission Requirements
Admission Requirements:
1. Applicant must be a certified special education teacher.
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more). The essay must explain why the applicant wishes to pursue the graduate program of their choice.

M.S.Ed. Special Education - Autism Track (YI.AUT.MSED)

Autism Requirements (18 credits)

EDS-502  Autism: Characteristics, Etiology, and Current Issues  3
EDS-522  Accommodating Learners with Special Needs in Inclusive Settings  3
EDS-530  Research Issues and Trends in Special Education  3
EDS-535  Technology and Students with Disabilities  3
EDS-537  Collaborating with Families, Students, and Professionals in Community and Educational Settings  3
EDS-538  Special Education Law  3
EDS-550  Learning Theories and Applications in Educational Settings  3
EDS-568  Advanced Instructional Methods in Special Education  3
EDS-580  Experimental Design  3
EDL-515  Advanced Literacy Instruction  3

Total Credits 30

Requirements: (30 credits)  

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<tr>
<td>EDS-502</td>
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<td>Special Education Law</td>
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<td>Experimental Design</td>
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<td>EDL-515</td>
<td>Advanced Literacy Instruction</td>
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</table>
Admission Requirements

1. Applicant must be a certified teacher. (Does not apply to MSEd School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)

2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.

3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.

4. Essay (500 words or more). For School Counseling and Student Affairs College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant forsees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSEd programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.

5. Students applying to the MSEd School Counseling and MSEd Student Affairs and College Counseling programs must participate in a group interview.

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

M.S.Ed. Special Education - Special Education - Autism and Applied Behavior Analysis Track (YI.AABA.MSED)

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<td>Research Issues and Trends in Special Education</td>
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<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
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<td>EDS-601</td>
<td>Applied Behavior Analysis: Introduction</td>
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<td>Applied Behavior Analysis: Concepts and Principles</td>
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<td>Applied Behavior Analysis: Behavior Assessment</td>
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<td>EDS-604</td>
<td>Applied Behavior Analysis: Behavior Change Procedures</td>
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<td>EDS-605</td>
<td>Research and Advanced Topics: in Autism and ABA</td>
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<tr>
<td>EDS-606</td>
<td>Ethics and Professionalism for Behavioral Analysis</td>
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</table>

Autism Requirements (15 credits)

EDS-502 | Autism: Characteristics, Etiology, and Current Issues                | 3       |
EDS-542 | Communication and Social Competence Skills                           | 3       |
EDS-566 | Assessment and Interventions for Individuals with Autism I           | 3       |
EDS-567 | Assessment and Interventions for Individuals with Autism II          | 3       |
EDS-580 | Experimental Design                                                  | 3       |

Total Credits: 39

M.S.Ed. Special Education - Learning Disabilities Teacher-Consultant Track (YI.LDTC.MSED)

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<tr>
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<td>EDS-530</td>
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<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
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<td>EDS-550</td>
<td>Learning Theories and Applications in Educational Settings</td>
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LDTC Requirements (18 credits)
Admission Requirements

1. Applicant must be a certified teacher. (Does not apply to MSEd School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)

2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.

3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.

4. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant foresees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSED programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.

5. Students applying to the MSEd School Counseling and MSEd Student Affairs and College Counseling programs must participate in a group interview.

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

M.S.Ed. Special Education - Teacher of Students with Disabilities Track (YI.TSD.MSED)

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<td>Technology and Students with Disabilities</td>
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<td>Collaborating with Families, Students, and Professionals in Community and Educational Settings</td>
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<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
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<td>EDS-572</td>
<td>Assessment Strategies and Applications in the Classroom</td>
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<td>EDS-570</td>
<td>Assessment and Curricula Interventions and Strategies</td>
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<td>EDS-590</td>
<td>Diagnosis and Correction of Learning Disabilities</td>
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<td>EDS-610</td>
<td>Internship in Learning Disabilities Teacher-Consultant</td>
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Total Credits 30

Sequence Chart

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<td>EDS-552</td>
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<td>EDS-580</td>
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<table>
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<th>Second Year</th>
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<td>EDS-552</td>
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<td>Semester</td>
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<td>Credits</td>
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<td>Total Credits</td>
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</table>

Admission Requirements

1. Applicant must be a certified teacher. (Does not apply to MSEd School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)

2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.

3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.

4. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant foresees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSED programs the
essay must explain why the applicant wishes to pursue the graduate program of their choice.

5. Students applying to the MSEd School Counseling and MSEd Student Affairs and College Counseling programs must participate in a group interview.

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

M.S.Ed. Special Education with Supervisor Endorsement (YI.SPVR.MSED)

Admission Requirements

1. Applicant must be a certified teacher. (Does not apply to MSEd School Counseling and Student Affairs College Counseling, Autism/ABA or Autism.)

2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a 3.0 in the undergraduate major.

3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.

4. Essay (500 words or more). For School Counseling and Student Affairs and College Counseling, the essay must discuss why social justice is important to the applicant and how the applicant foresees utilizing this training in his/her future career as a school counselor or student affairs professional. For all other MSEd programs the essay must explain why the applicant wishes to pursue the graduate program of their choice.

5. Students applying to the MSEd School Counseling and MSEd Student Affairs and College Counseling programs must participate in a group interview.

6. Students applying to the MSEd Supervisor Track must submit, at the time of application, a letter from their administrator stating that the student has completed at least three (3) years of full time teaching in a public school or New Jersey Department of Education approved private school for students with disabilities.

7. MSEd Supervisor Track candidates must hold a Certificate of Eligibility with Advanced Standing (CEAS), Provisional or Standard New Jersey Teacher of Students with Disabilities Endorsement.

Note: Upon completion of the Principal/School Administrator/Supervisor Program, you must provide documentation evidencing completion of five years of successful educational experience under a valid provisional or standard New Jersey or equivalent out-of-state certificate to be eligible for the endorsement.

Certificate in Applied Behavior Analysis (ED.ABA.GR.C)

Admission Requirements

Bachelor’s degree from an accredited institution with a minimum 3.0 overall and in the undergraduate major.

Certificate in Autism (ED.AUT.GR.C)
Admission Requirements
1. Possession of a baccalaureate degree with a minimum 3.0 overall and in the undergraduate major.
2. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
3. Essay (500 words or more) explaining why the applicant wishes to pursue this graduate program.

Teacher of Students with Disabilities Graduate Endorsement (END.ED.GR.TSD)

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<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
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<tr>
<td>EDS-552</td>
<td>Methods of Teaching Students with Disabilities</td>
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<tr>
<td>EDS-572</td>
<td>Assessment Strategies and Applications in the Classroom</td>
<td>3</td>
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<td>Total Credits</td>
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Admission Requirements
1. Possess or be eligible for a standard or provisional New Jersey instructional certificate with an endorsement appropriate to the subject or grade level to be taught.
2. Possession of a bachelor’s degree in a field leading to teacher licensure, health services, psychology, or social work from an accredited institution and have achieved a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details) and a minimum 3.0 in the undergraduate major.
3. Applicant must submit two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Applicant must submit an essay of 500 words or more explaining why applicant wishes to pursue a Teacher of Students with Disabilities endorsement.
5. Official undergraduate and graduate transcripts.

Learning Disabilities Teacher-Consultant Post-Master’s Endorsement (END.ED.P.LDTC)

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<td>Physiological Aspects of Learning</td>
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<td>EDS-538</td>
<td>Special Education Law</td>
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<td>EDS-550</td>
<td>Learning Theories and Applications in Educational Settings</td>
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<td>EDS-537</td>
<td>Collaborating with Families, Students, and Professionals in Community and Educational Settings</td>
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<td>EDS-568</td>
<td>Advanced Instructional Methods in Special Education</td>
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<tr>
<td>EDS-570</td>
<td>Assessment and Curricula Interventions and Strategies</td>
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<td>EDS-590</td>
<td>Diagnosis and Correction of Learning Disabilities</td>
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<td>EDS-610</td>
<td>Internship in Learning Disabilities Teacher-Consultant</td>
<td>3</td>
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<td>Total Credits</td>
<td>24</td>
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</table>

Admission Requirements
1. Applicant must possess a master’s degree.
2. Applicant must hold a standard New Jersey or out-of-state instructional certificate.
3. Students applying for the LDTC endorsement must submit a letter from their administrator stating that they have three (3) years of full-time teaching experience in a public or a NJ-approved private school for students with disabilities.
4. Applicant must submit two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
5. Applicant must submit an essay of 500 words or more explaining why applicant wishes to pursue a Learning Disabilities Teacher-Consultant endorsement.
6. Applicant must have a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details).
7. Official undergraduate and graduate transcripts.
Speech-Language Pathology

Interim Chair: Cathleen Givney, Department of Speech Language Pathology

Master of Science in Education (M.S.Ed.)

Monmouth University’s 60-credit Masters in Speech-Language Pathology (SLP) offers you a comprehensive curriculum with specific, specialized courses in hybrid formats, and delivers a strong focus on evidence-based practice. Students participate in over four hundred hours of clinical practicum experience.

Our 26-person cohort model ensures small class sizes, and Monmouth’s Center for Speech and Language Disorders gives you critical hands-on experience diagnosing and treating communication disorders in children and adults under close professional supervision.

The triad approach in our speech pathology graduate program also includes research opportunities, allowing you to immerse yourself in an area of study and make a true impact on the SLP field. Working closely with faculty, clinical supervisors, professional speech-language pathologists, and allied health professionals, you will emerge from this program with the multifaceted educational and experiential foundation you need for a fulfilling, in-demand career.

This is a summer-start program with continuous enrollment over a two-year period. Courses are taught at the Monmouth University Graduate Center, located two miles from the main campus.

Programs

Masters

- MSEd Speech-Language Pathology (p. 187)

Faculty

Erik Raj, Assistant Professor (Graduate Faculty). B.S., Stockton University; M.S., Misericordia University; Ph.D., Wayne State University. Research interests include stuttering and clinical applications.
eraj@monmouth.edu

Courses

SLP-CPE Comprehensive Portfolio Examination Credits: None
Prerequisite(s): SLP-680
Term Offered: All Terms
Course Type(s): None
Students will complete a comprehensive project demonstrating their clinical and research skills. This is a pass/fail course.

SLP-600 Professional Issues in Speech-Language Pathology Credits: 3
Term Offered: Spring Term
Course Type(s): None
Presents professional practice issues in speech-language pathology including scope of practice, certification and licensure as well as healthcare legislation and regulation. Code of ethics and ethical decision-making will also be addressed. Students will have the opportunity to explore contemporary service delivery topics using case studies focusing on ethical dilemmas and controversial practices that may arise in professional settings. Students will also be exposed to multicultural perspectives to contemporary issues as well as evidence-based practice.

SLP-604 Clinical Methods in Speech-Language Pathology Credits: 3
Term Offered: Summer Term
Course Type(s): None
Introduction to therapeutic methodologies in preparation for participation in clinical practicum. Provides advanced instruction in evidence-based therapeutic methods and documentation in speech-language pathology. Students will be prepared to engage in informative clinical decision making and intervention. Includes instruction of therapy techniques and procedures, as well as the development of professional goal and report writing skills.

SLP-610 Neurological Language Disorders and Aphasia Credits: 3
Term Offered: All Terms
Course Type(s): None
Addresses the nature, etiology, and clinical management of adults with acquired language disorders, with primary emphasis on aphasia and related cognitive disorders. Students will study the structures and functions of the central and peripheral nervous system as they relate to human speech, language and cognition.

SLP-614 Assessment and Treatment of Dysphagia Credits: 3
Term Offered: Spring Term
Course Type(s): None
Examines assessment and intervention for feeding and swallowing disorders in children and adults. Addresses the implementation of clinical examination procedures and interpretation of instrumental diagnostic procedures. Instructional strategies for rehabilitation and compensatory feeding strategies will be provided.

SLP-625 Assessment Procedures in Speech-Language Pathology Credits: 3
Term Offered: Summer Term
Course Type(s): None
Presents an overview of diagnostic tests and procedures used in assessment of speech and language disorders across the lifespan. Students will learn the principles of measurement including reliability and validity, the calculation and interpretation of standardized test results and standard deviation.

SLP-630 Pediatric Language Disorders Credits: 3
Term Offered: Summer Term
Course Type(s): None
Examines the communicative behaviors of infants, toddlers, and preschoolers and school-age children at risk or diagnosed as having a communication disorder. Students will learn etiologies, characteristics, assessment, and intervention strategies that are appropriate for treating children with language disorders. Particular emphasis will be placed on academic, cognitive and augmentative aspects of language use with populations who are culturally and linguistically diverse.

SLP-645 Speech Sound Disorders Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines both typical and disordered phonetic and phonological development in children, the nature of nonorganic articulation and phonological disorders, the evaluation process and appropriate intervention strategies for linguistically diverse populations.

SLP-650 Fluency Disorders Credits: 3
Term Offered: Spring Term
Course Type(s): None
Reviews stuttering and dysfluency behaviors; historical and etiological description and treatment; current theories of stuttering; contemporary research in the field; and treatment of stuttering.
consultative, collaborative and pull-out methods. Practice and cultural diversity are addressed. This course also addresses professional and interdisciplinary procedures and issues of ethical management are discussed. In addition, the development of coordinated keeping, material and equipment selection, counseling, and behavior and development of a meaningful IEP. Techniques of scheduling, record (IEP) process including referral, assessment, evaluation, identification, loss on speech and language development, communication, education, related systems. Provides an introduction to the impact of hearing on speech and language development, communication, education, and psycho-social development. Students gain practical experience developing aural rehabilitation programs using technological aids for the hearing impaired.

SLP-665 Disorders of Voice and Resonance

Term Offered: Fall Term
Course Type(s): None
Examines normal and abnormal laryngeal function. The nature and etiology of a variety of vocal pathologies will be explored. Identification, assessment as well as evidence-based treatment strategies for functional, neurogenic and organic voice disorders will be presented. Case studies and guided observations will be used. Designed to extend the foundation knowledge of the speech-language pathology student relevant to the nature of resonance disorders including cleft palate.

SLP-660 Motor Speech Disorders

Term Offered: Fall Term
Course Type(s): None
Examines the neurological basis of acquired and congenital motor speech disorders including dysarthria and apraxia as well as the accompanying communication disorders that result from damage to the central nervous and peripheral nervous systems. Students learn the principles and procedures for the assessment and remediation of motor speech disorders.

SLP-664 Audiology and Aural Rehabilitation

Term Offered: Summer Term
Course Type(s): None
Examines techniques employed in assessing hearing function in adults and children and studies the pathologies of the auditory and related systems. Provides an introduction to the impact of hearing loss on speech and language development, communication, education, and psycho-social development. Students gain practical experience developing aural rehabilitation programs using technological aids for the hearing impaired.

SLP-665 Augmentative and Alternative Communication

Term Offered: Spring Term
Course Type(s): None
Provides information about augmentative and alternative communication (AAC) assessment and intervention practices related to providing services for clients with AAC needs. Students will learn concepts, strategies, techniques and issues in the field of AAC. Focus will include research that has been conducted in the field of AAC, assessment and clinical procedures, meeting the AAC needs of clients with developmental and acquired disabilities across the lifespan, and hands-on training with devices and methods of AAC.

SLP-666 Literacy and Speech-Language Pathology in the Schools

Course Type(s): None
This course includes the establishment and maintenance of speech and hearing programs within various administrative organizations, particularly in public schools. Emphasis is placed on the individual educational plan (IEP) process including referral, assessment, evaluation, identification, and development of a meaningful IEP. Techniques of scheduling, record keeping, material and equipment selection, counseling, and behavior management are discussed. In addition, the development of coordinated professional and interdisciplinary procedures and issues of ethical practice and cultural diversity are addressed. This course also addresses the relationship between language and literacy, and the role of the school SLP in prevention, assessment, and treatment of literacy issues through consultative, collaborative and pull-out methods.
SLP-684  External Clinical Practicum II  Credits: 3
Prerequisite(s): SLP-683
Term Offered: Spring Term
Course Type(s): None
Provides supervised clinical practicum at an off-campus facility serving a variety of populations. Examples of placement sites include acute care hospitals, rehabilitation centers, long-term care facilities and private practices.

SLP-699  Ind Study in Speech Language Pathology  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration

M.S.Ed. Speech-Language Pathology (SLP.MSED)

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>SLP-600</td>
<td>Professional Issues in Speech-Language Pathology</td>
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<td>Clinical Methods in Speech-Language Pathology</td>
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<td>SLP-610</td>
<td>Neurological Language Disorders and Aphasia</td>
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<td>SLP-614</td>
<td>Assessment and Treatment of Dysphagia</td>
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<td>SLP-625</td>
<td>Assessment Procedures in Speech-Language Pathology</td>
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<td>SLP-630</td>
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<td>SLP-645</td>
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<td>SLP-650</td>
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<td>SLP-679</td>
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<td>SLP-681</td>
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<td>SLP-682</td>
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<tr>
<td>SLP-CPE</td>
<td>Comprehensive Portfolio Examination</td>
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Total Credits 60

Admission Requirements

1. Submit a completed application through the Communication Science and Disorders Centralized Application Service (CSDCAS (http://www.capcsd.org/csdcas-student-page/)) along with the signed SLP Communication Standards form and $50 application fee submitted to Monmouth University.
2. Possession of a baccalaureate degree with a satisfactory overall GPA per state requirements (see Web site for details) and a minimum 3.0 GPA in the undergraduate major.
3. *GRE scores (taken within the last five years). Students who hold a master's degree or higher from an accredited institution are not required to submit GRE scores. (*GRE scores are currently waived for summer, 2021 admission)
4. Essay (500 words or more) explaining why the student wishes to pursue a career in Speech-Language Pathology.
5. Two professional letters of recommendation.
6. Résumés are recommended but not required.
7. Candidates must be able to communicate effectively in order to meet ASHA's standards of clinical competence. Specifically, successful candidates “must have demonstrated communication skills sufficient to achieve effective clinical and professional interaction with clients/patients and relevant others.” Source: (http://www.asha.org/Certification/2014-Speech-Language-Pathology-Certification-Standards/2014 Standards for the Certificate of Clinical Competence in Speech-Language Pathology).
8. Completion of eighteen (18) credits of speech-language pathology prerequisite courses. Applicants must also fulfill ASHA requirements listed at https://www.asha.org/Certification/Course-Content-Areas-for-SLP-Standards/.
THE MARJORIE K. UNTERBERG SCHOOL OF NURSING AND HEALTH STUDIES

Dean: Ann Marie P. Mauro, Ph.D., R.N., CNL, CNE, FAHA, FAAN

The Marjorie K. Unterberg School of Nursing and Health Studies was established in 1998, having served as a Department of Nursing since 1981. The School of Nursing and Health Studies reflects in its philosophy the mission of Monmouth University: to provide a learning process and environment that enables students to realize their full potential and enhance the quality of life for individuals, families, groups, and the community; and to provide high-quality baccalaureate and graduate education programs to a diverse student population for development of potential leaders in nursing and health professions. Graduates are committed to lifelong service to their chosen profession and prepared to enhance the quality of life for diverse populations in a global and increasingly interdependent society.

Education for nursing and the health professions is idealistic and future-oriented yet sufficiently realistic to provide students with an opportunity to develop justifiable confidence in their intellectual, clinical, and practical skills. This preparation can occur only within an environment that allows for individual differences and fosters personal integration, healthy self-esteem, vital social awareness, enjoyment of leisure, and a sense of commitment to the attitudes and values of the health professions.

Education is an active, ongoing process involving student-teacher collaboration and experiential activity. The teaching-learning process involves not only the teacher and the student, but also the social system within a framework of dynamic relationships that promotes the change and growth of individuals. It is recognized that students have the ultimate responsibility for their own learning and professional growth.

Students are viewed as unique individuals with varying learning styles. Therefore, a variety of experiences and teaching strategies are used to enhance the development of cognitive, affective, and psychomotor abilities within the student. Students are educated in the advanced practice roles of educator, researcher, advocate, clinician, consultant, collaborator, entrepreneur, and manager of systems through assessment, diagnosis, treatment, referral, and evaluation of individuals, families, groups, communities, and various healthcare systems and practice settings.

Programs

Masters

- MSN: Adult-Gerontological Primary Care Nurse Practitioner (p. 206)
- MSN: Family Nurse Practitioner (p. 207)
- MSN: School Nursing for Certified School Nurses (p. 211)
- MSN: School Nursing - Non-Certified School Nurses (p. 210)
- MSN: Nursing Education (p. 208)
- MSN: Forensic Nursing (p. 208)
- MSN: Psychiatric and Mental Health Nurse Practitioner (p. 209)
- MS in Physician Assistant (p. 229)

Doctorate

- Doctor of Nursing Practice (p. 211)
- Occupational Therapy Doctorate (Fall, 2021) (p. 222)

Graduate Certificates

- Forensic Nursing (p. 212)

Post-Master’s Certificates

- Adult-Gerontological Primary Care Nurse Practitioner (p. 212)
- Family Nurse Practitioner (p. 213)
- Psychiatric and Mental Health Nurse Practitioner (p. 213)

Graduate Endorsements

- School Nursing (p. 214)
- School Nursing - Non-Instructional (p. 214)

Nursing

Chair: Rose Knapp, Department of Nursing

Master of Science in Nursing (M.S.N.)

The Master of Science in Nursing (M.S.N.) programs prepare graduates for advanced nursing practice roles and build upon the foundational values of autonomy, leadership, and professionalism. The role of the M.S.N. graduate is to promote, restore, and maintain health and facilitate quality end-of-life care. Advanced nursing practice requires master’s preparation, specialty certification by a recognized nursing certification program for specific tracks, and a unique body of knowledge derived from scientific research and best practices. This knowledge base enhances the graduate’s ability to synthesize interrelating factors that influence the health of individuals and populations in their environment. The M.S.N. graduate is proficient in a defined body of knowledge in a selected area of advanced nursing practice and may work independently or in an interprofessional collaborative practice setting.

The M.S.N. program is composed of three major areas:

1. A graduate nursing core that provides the theoretical and research foundation necessary for advanced nursing practice;
2. An advanced nursing practice concentration that provides the student with the skills necessary to have a positive impact on healthcare;
3. Detailed study and practice in the selected area of specialization.

Education for the nurse in advanced practice is a realistic, idealistic, future-oriented, teaching-learning process that promotes the development of the cognitive, affective, and psychomotor abilities contributing to professional growth and ultimate personal responsibility for continued learning. This education helps the graduate to develop justifiable confidence in the intellectual and clinical proficiency necessary for advanced practice through the development of critical thinking and ethical decision-making skills and a strengthened commitment to the attitudes and values of the nursing profession. Graduate level education is essential to provide students with an expanded and enhanced knowledge of nursing science. Students further develop their personal philosophy for advanced nursing practice, gain a deeper understanding of the emerging roles of the professional nurse, and modify their roles.
and responsibilities to function effectively in a complex, dynamic healthcare environment. Students may transfer a maximum of nine (9) credits to be applied toward the master's degree, provided the courses were completed with a grade of "B" or better and are appropriate for the graduate track.

**M.S.N. Forensic Nursing**

As an emerging field, forensic nursing encompasses a body of specialized knowledge that serves a unique and critical role for health care and judicial systems. The registered nurse collaborates with the field of law to apply nursing science to public and legal proceedings. The registered nurse specializing in forensics protects, promotes, and optimizes health by providing services to individuals while consulting with health care providers, the insurance sector, attorneys, and law-related agencies. Monmouth is proud to be one of a few schools in the nation to offer an M.S.N. program as well as a graduate certificate in Forensic Nursing. This dynamic field allows for specialization in Interpersonal Violence. The program prepares graduates to work in a variety of areas including child/elder abuse, domestic violence intervention, sexual assault examiner, mass disaster response, correctional facilities, and death investigation.

**M.S.N. School Nursing for Non-Certified Nurses**

School nurses who are emergency-certified through the New Jersey State Department of Education or who work full-time as a school nurse for a minimum of six months may have NU-587P Practicum: School Nurse I (2 cr.) waived if they provide a letter of verification from a school official. M.S.N in School Nursing students who show evidence of teaching health in a school system may have NU-588P Practicum: School Nurse II (2 cr.) waived if they provide a letter of verification from a school official. At the discretion of their advisor, students with a baccalaureate degree in a field other than nursing may be required to take NU-312 Individual Health Assessment (3 cr.) or equivalent continuing education units in adult or pediatric physical assessment. At the discretion of their advisor, non-certified school nurse students with a baccalaureate degree in a field other than nursing may be required to take three upper division undergraduate nursing bridge courses prior to starting M.S.N. courses.

**M.S.N. School Nursing for Certified School Nurses**

Students with a baccalaureate degree in a field other than nursing may be required to take NU-312 Individual Health Assessment (3 cr.) or equivalent continuing education units in adult or pediatric physical assessment at the discretion of their advisors. Certified school nurse students with a baccalaureate degree in a field other than nursing may be required to take three upper division undergraduate nursing bridge courses prior to starting M.S.N. courses.

**Graduate Endorsements in School Nursing, School Nursing Non-Instructional**

The Monmouth University Graduate Endorsements in School Nursing are intended for registered nurses interested in completing the requirements for the New Jersey School Nurse Certificate and/or the New Jersey School Nurse Certificate Non-Instructional. At the discretion of their advisor, school nurse students with a baccalaureate degree in a field other than nursing may be required to take NU-312 Individual Health Assessment (3 cr.) or the equivalent continuing education units in adult or pediatric physical assessment. At the discretion of their advisor, non-certified school nurse students with a baccalaureate degree in a field other than nursing may be required to take three upper division undergraduate nursing bridge courses prior to starting M.S.N. courses.

**Graduate Certificate in Forensic Nursing**

The Monmouth University Graduate Certificate in Forensic Nursing is intended for registered nurses with a baccalaureate degree in nursing interested in providing direct services to individuals and consultation to healthcare and law-related agencies. The program will prepare graduates to work in a variety of areas, including child/elder abuse assessment and evaluation, domestic violence intervention, sexual assault examination, mass disaster response, correctional facilities, and death investigation.

**Post-Master’s Certificates**

Monmouth’s post-master’s certificates are designed for nurses who have already completed a master’s degree in nursing. The Nurse Practitioner certificate program prepares advanced practice nurses in primary care or other relevant settings to work with persons in their environment through independent nursing assessment, diagnosis, and treatment or referral to another practitioner when necessary. Students may transfer a maximum of six (6) credits (30% or less of the total credit requirements) toward the certificate, provided the courses were completed with a grade of "B" or better and the courses are appropriate for the certificate program. This restriction also applies to those credits that have been waived or were earned with Credit by Exam.

*Please refer to the Admission (p. 16) section of this catalog for additional admission requirements.*

**Doctor of Nursing Practice (D.N.P.)**

The D.N.P. program is designed to address the complexity of healthcare systems by producing clinical leaders who can excel in highly complex and rapidly evolving healthcare environments. The D.N.P. is designed for M.S.N. graduate nurses, including nurse practitioners, nurse educators, nurse managers, and school nurses. The mission of the D.N.P. program at Monmouth University is to prepare nursing leaders with a doctoral degree that provides skills and competencies enabling graduates to contribute advanced nursing practice at its highest level and improve delivery of nursing care in complex healthcare environments through scholarly inquiry and scientific evidence translation.

The D.N.P. program is a 36-credit post-master’s degree program that prepares the M.S.N. graduate nurse with the skills necessary to influence and implement quality healthcare improvements.

The D.N.P. curriculum focuses on evidence-based practice, organizational and systems leadership, information technology, interprofessional collaboration, emerging practice challenges, and implementing translational research and science into practice.

The use of advanced clinical skills and research is consistent with Monmouth University’s commitment to personalized education. A D.N.P. change project designed to integrate theoretical concepts and practical experiences is required for all students. Immersion into the leadership role is facilitated through several practicum courses.

Throughout the program, students gain knowledge and leadership skills necessary to influence access to healthcare, promote safety standards, and advocate for policy changes on a local, regional, and national level to improve delivery systems and outcomes. To enter the D.N.P. program, students must be graduates of an accredited master’s level nursing
program and have a current RN license; certification in a specialty practice is preferred. Please refer to the Admission (p. 16) section of this catalog for additional admission requirements.

The baccalaureate degree in nursing, master’s degree in nursing, doctor of nursing practice degree, and post-graduate APRN certificates at Monmouth University are accredited by the Commission on Collegiate Nursing Education (CCNE) (http://www.ccneaccreditation.org).

Programs

Masters

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Doctorate

- Doctor of Nursing Practice (p. 211)

Graduate Certificate

- Forensic Nursing (p. 212)

Graduate Endorsements

- School Nursing (p. 214)
- School Nursing - Non-Instructional (p. 214)

Post-Master’s Certificates

- Adult-Gerontological Primary Care Nurse Practitioner (p. 212)
- Family Nurse Practitioner (p. 213)
- Psychiatric and Mental Health Nurse Practitioner (p. 213)

Faculty

Cira Fraser, Professor and Director of the DNP Program (Graduate Faculty). B.S., The College of New Jersey; M.S., Rutgers University, Newark; Ph.D., Adelphi University, R.N., ACNS-BC. Specialty interest areas include acute care and emergency advanced practice nursing issues, pharmacology and advanced practice education. cfraser@monmouth.edu

Janet Mahoney, Professor (Graduate Faculty). R.N., St. Mary’s Hospital; B.S.N., Monmouth University (Monmouth College); M.S.N., Seton Hall University; Ph.D, APN-BC, ENA-BC New York University. Specialty areas and interests include nursing research, nursing administration, and gerontological nursing. jmahoney@monmouth.edu

Colleen Manzetti, Associate Professor (Graduate Faculty). B.S., Rutgers University; M.S.N., Monmouth University; D.N.P., Samford, Alabama CNE, CNLCP. Specialty interests include life care planning, rehabilitation nursing, nursing education, collaboration, and leadership. cmanzetti@monmouth.edu

Ann Marie Mauro, Professor (Graduate Faculty). Dean, School of Nursing. B.S.N., M.S.N., Seton Hall University; Ph.D., New York University, R.N., CNL, CNE, FAHA, FAAN. Specialty interests include cardiovascular nursing, nursing education, leadership policy, quantitative and qualitative research methods. amauro@monmouth.edu

Courses

NU-SANE Sexual Assault Nurse Examiner Credits: None

Term Offered: All Terms
Course Type(s): NOSRCH
Provides basic theoretical and forensic principles to treat victims of sexual crimes by introducing standards of practice for the sexual assault nurse examiner (SANE) as outlined for SANE certification. Standards and principles of nursing practice will be applied to the practice of various areas of expertise held by SANE nurses. Forensic evaluation may include victims of all ages and ethnic and socioeconomic backgrounds within a framework of community and agency policies, procedures and protocols. Using the nursing process in the investigation of sexual assault and in the promotion and restoration of psychological, biological, and social health of survivors of sexual assault or abuse will be introduced. History and physical examination, crisis intervention, identifying and collecting evidence, and treating and counseling victims will be discussed. This is a pass/fail course.

NU-508 Factors Affecting Healthcare Credits: 3

Term Offered: All Terms
Course Type(s): None
Examine models and contexts for health promotion and disease prevention; examine the influence of culture on health beliefs and practices; and ethical dilemmas. Investigate factors such as access to care, health and social policy, healthcare finance and economics, and legislative influences on health. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
NU-512  Nursing Research for Advanced Nursing Practice  Credits: 3
Term Offered: All Terms
Course Type(s): None
Critical appraisal of the role of nursing research and research methods of inquiry in the development of nursing theory and practice. Qualitative and quantitative research methods; research designs; measurement theory and strategies; methods of data analysis; read, critique and write research reports; ethics, application of research techniques for outcomes evaluation and evidence-based practice. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-514  Data Management for Advanced Nursing Practice  Credits: 3
Prerequisite(s): NU-512
Term Offered: All Terms
Course Type(s): None
Planning for and collection of outcome data; preparation of data for hypothesis testing; use of the SPSS statistical computer package for data management and analysis; selection and interpretation of appropriate parametric and nonparametric descriptive and inferential statistics for outcome evaluation. Quantitative and qualitative data analysis. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-518  Education and Motivation of Nursing Clients  Credits: 3
Term Offered: All Terms
Course Type(s): NU.EL
Role of the nurse in fostering health promotion via education of clients, families, and professional colleagues. Essential factors for successful teaching and learning. Motivating the client to make behavioral changes to promote health and development. Development, presentation, and evaluation of a formal teaching plan. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-521  Pathophysiology and Histology  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on pathogenesis of selected diseases leading to alterations of body structure and functions across the life span. Emphasizes the laboratory identification of vertebrate tissue. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-524  Pharmacology for Advanced Nursing Practice  Credits: 3
Prerequisite(s): NU-521
Term Offered: All Terms
Course Type(s): None
Historical perspective, legal regulations and standards, the Controlled Substances Act; pharmacokinetics; pharmacodynamics; choice and use of pharmacotherapeutics; nursing responsibilities in drug prescription; client education with respect to drug-desired effects, side effects, interactions, toxicity, dependence, and addiction. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-535  Advanced Health Assessment  Credits: 3
Prerequisite(s): NU-521
Term Offered: All Terms
Course Type(s): None
Theory and practice of health assessment skills, identification of deviations from the normal and documentation of findings are refined. Advanced-level assessment includes the comprehensive history, physical, and psychological variations of the client. The client is viewed holistically, incorporating cultural, nutritional, and developmental variations. Application of techniques is practiced in the college laboratory and with clients in outside agencies. Students translate assessment data into differential diagnosis and interpret laboratory and diagnostic data. Relationship of health assessment to the role and responsibilities of the nurse is examined. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-536  Advanced Health Assessment for Forensic Nurses  Credits: 3
Prerequisite(s): NU-521 and NU-524
Term Offered: Summer Term
Course Type(s): None
Theory and practice of health assessment skills, identification of deviations from the normal and documentation of findings are refined. Advanced level assessment includes the comprehensive history, physical and psychological variations of the client across the lifespan. The client is viewed holistically, incorporating cultural, nutritional, and developmental variations. Application of techniques is practiced in the college laboratory and with clients in outside agencies. Students translate assessment data into differential diagnoses and interpret laboratory and diagnostic data. Relationship of health assessment to the role and responsibilities of the nurse is examined. Students must earn a minimum grade of B in the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
NU-541  Primary Care  Credits: 3
Prerequisite(s): NU-521, NU-524, and NU-535
Co-requisite(s): NU-542
Course Type(s): None
Aspects of advanced health assessment, clinical reasoning, and diagnostic skills necessary to manage common stable, chronic, and episodic alterations in health. Various advanced nursing practice roles in health care, ethical and legal issues in clinical practice, application of research-based clinical outcomes, promotion and maintenance of health, disease prevention and treatment modalities for individuals are explored. Content is presented in weekly clinical case studies related to common alterations in health. Factors influencing health care systems, patterns of human responses, and cultural and epidemiological influences will be discussed in weekly clinical case studies. Performing assessments and screenings related to common alterations in health are also included in a weekly, faculty-supervised clinical practice. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-542  Primary Care Laboratory  Credits: 1
Prerequisite(s): NU-521, NU-524, and NU-535
Co-requisite(s): NU-541
Course Type(s): None
This clinical course is designed to be taken with the lecture component of NU-541. Aspects of advanced health assessment, clinical reasoning, and diagnostic skills necessary to manage common stable, chronic, and episodic alterations in health. Various advanced nursing practice roles in health care, ethical and legal issues in clinical practice, application of research-based clinical outcomes, and promotion and maintenance of health, disease prevention and treatment modalities for individuals are explored. Content is presented in weekly clinical case studies related to common alterations in health. Factors influencing health care systems, patterns of human responses, and cultural and epidemiological influences will be discussed in weekly clinical case studies. Performing assessments and screenings related to common alterations in health are also included in a weekly, faculty-supervised clinical practice. This is a pass/fail course.

NU-543  Diagnosis and Treatment of Psychopathology  Credits: 3
Co-requisite(s): NU-544
Term Offered: All Terms
Course Type(s): None
Provides the basic foundations of clinical management of common psychiatric/mental health problems in adults. For students in the Adult Psychiatric Mental Health APN Track. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-544  Diagnosis and Treatment of Psychopathology Clinical Laboratory  Credits: 1
Prerequisite(s): NU-521, NU-524, and NU-535
Co-requisite(s): NU-543
Term Offered: All Terms
Course Type(s): None
Provides the basic foundations of clinical management of common psychiatric/mental health problems in adults. The student will deliver mental health care to adults with mental health problems including collection of subjective and objective data using the techniques of interview; establishing a psychiatric diagnosis utilizing the DSMIV-TR classification system; and completing an initial psychiatric assessment and identifying psychopharmacologic interventions as appropriate. Establishment of collaborative role with other healthcare providers. Restricted to Psychiatric and Mental Health Nurse Practitioner students only. This is a pass/fail course.

NU-562  Tests and Measures  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Considers evaluation methods related to norm-referenced and criterion-referenced evaluation methods in education. Students will investigate criteria used to develop reliable and valid evaluation measures. Current issues and research related to educational testing instruments, alternatives to standardized evaluation methods, and outcome measurement in education will be discussed. Students will explore measurement theory and evaluate measures that are used to identify cognitive, affective, and psychomotor domains as they relate to education. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. Also listed as NU-762. Students who have taken NU-562 are not eligible to take NU-762.

NU-566P  Nurse Educator Practicum I  Credits: 2
Prerequisite(s): NU-521, NU-524, and NU-535
Co-requisite(s): NU-566S
Term Offered: Fall Term
Course Type(s): None
Course provides an opportunity for the student to engage in planned clinical practice experiences, incorporating the concentration (Pathophysiology, Pharmacology, and Advanced Health Assessment) in a direct-care role in a clinical setting to strengthen their patient care delivery skills. The student will also function in the role of the novice academic nurse educator, applying teaching and learning principles in both the academic and clinical settings. Each practice experience is guided by a preceptor. Total practicum hours for this course is a minimum of 90 hours. This is a pass/fail course. Students who have taken NU-566P are not eligible to take NU-766P.
NU-566S  Nurse Educator Seminar I  Credits: 1
Prerequisite(s): NU-521, NU-524, and NU-535
Co-requisite(s): NU-566P
Term Offered: All Terms
Course Type(s): None

Through discussion and sharing, students reflect on their direct-care practicum experiences and how it impacts the role of academic nurse educator. In addition, students discuss the role of the academic nurse educator and how the practicum experiences relate to the eight core nursing competencies of the academic nurse educator outlined by the National League for Nursing. Students who have taken NU-766S are not eligible to take NU-566S.

NU-567P  Nurse Educator Practicum II  Credits: 2
Co-requisite(s): NU-567S
Term Offered: Spring Term
Course Type(s): None

Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practicum experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours are required. Also listed as NU-767P. Students who have taken NU 567P are not eligible to take NU-767P.

NU-567S  Nurse Educator Seminar II  Credits: 1
Co-requisite(s): NU-567P
Term Offered: Spring Term
Course Type(s): None

Through further discussion, and sharing, students refine their practice and identify the tasks associated with the eight core competencies of the academic nurse educator outlined by the National League for Nursing. Also listed as NU-767S. Students who have taken NU-567S are not eligible to take NU-767S.

NU-575  Issues in Forensic Nursing  Credits: 3
Term Offered: Fall Term
Course Type(s): None

Introduction to forensic nursing practice and the concepts, theories, and principles used in this advanced practice role. The use of the nursing process in forensic decision making for the management of individuals or populations are illustrated. The relationship between various socioeconomic factors, psychosocial issues, and ethical challenges are discussed in relationship to catastrophic injuries/illnesses and violent crimes. Comparison of the various roles in which forensic nursing can be applied are examined including the scopes and standards of nursing practice. Legal considerations in areas such as collection of forensic evidence and preservation, discovery, expert testimony are distinguished. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-576  Interpersonal Violence  Credits: 3
Term Offered: All Terms
Course Type(s): NU.EL

Examines the various types and patterns of violence related to cultural values, beliefs, biases and societal issues, as well as the historical perspective of violence. Content includes: family, community, youth, and workplace violence, and child, domestic, elder and sexual abuse. Theories concerning gender violence, gangs, bias and hate crimes, and terrorism are challenged. Public health and health care issues related to violence, and primary, secondary, and tertiary level interventions for victims and offenders of violence are discussed. Individual responsibilities associated with identification and reporting violence are identified. Healthcare measures to identify and prevent violence are analyzed. Methods of treatment for victims and perpetrators of violence are evaluated. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-577  Forensic Pathology  Credits: 3
Prerequisite(s): NU-521, NU-524, and NU-535 all passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None

Designed to introduce students to concepts of forensic pathology with an emphasis on the recognition and interpretation of diseases and injuries in the human body that are the basis for medicolegal investigations. It presents an overview of the medicolegal investigative systems and the substance and mechanics of forensic pathology. The medical examiner, usually the pathologist, is primarily concerned with the investigation of violent, sudden, unexpected, and suspicious deaths. The medical examiner determines the cause and manner of death, identifies the deceased if unknown, determines the approximate time of injury and death, collects evidence from the body, issues a death certificate, and documents these events through an official autopsy report.

NU-578P  Forensic Nursing Practicum  Credits: 2
Prerequisite(s): NU-521, NU-535, NU-543, NU-575, NU-576, and NU-577
Co-requisite(s): NU-578S
Term Offered: All Terms
Course Type(s): None

Students will work in an interdisciplinary team or with individuals in forensic arenas as they apply forensic theory and research in forensic nursing practice. Appropriate techniques for identifying, collecting and documenting pertinent data will be reinforced through clinical practice in a forensic arena. Under the supervision and guidance of a clinical preceptor, students will identify outcomes and plans of action for effective coordination and communication among professionals and clients as a means to learn appropriate techniques for the identification, prevention, and management of victims of crime and trauma. Students will develop expertise in the collection, preservation and documentation of evidence as identified in scopes and standards of forensic nursing practice. Individual experiences are arranged in conjunction with students’ goals for practice. Students will attend a one-hour weekly seminar and a weekly eight-hour clinical practicum. This is a pass/fail course.
NU-578S Forensic Nursing Seminar Credits: 1
Prerequisite(s): NU-521, NU-535, NU-543, NU-575, NU-576, and NU-577
Co-requisite(s): NU-578P
Term Offered: All Terms
Course Type(s): None
Explores forensic theory and research to forensic nursing practice. Forensic nurses practice as sexual assault examiners, educators, nurse coroners, death investigators, correctional nurses, life care planners, case managers, legal nurse consultants, Medicare set aside coordinators and clinical specialists in pediatrics and gerontology. Issues addressing systematic analysis of pertinent data, and the physical/psychological issues related to forensic nursing and applying nursing science to public and legal proceedings will be discussed in seminar. Identification of outcomes and plans of action that provide effective coordination and communication in managing clients will be addressed. A scientific and conceptual knowledge of nursing, forensic and criminal justice will assist students to recognize appropriate techniques for the identification, prevention, and management of appropriate clients utilizing the scopes and standards of forensic nursing practice. The collaborative nature of forensic nursing practice as a component of multidisciplinary teams will be stressed. Individual experiences are arranged in conjunction with students’ goals for practice. Students will attend a one hour weekly seminar and a weekly eight hour clinical practicum. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-584 Curriculum and Instruction in Health Education Credits: 4
Term Offered: Fall Term
Course Type(s): HY
Examination of theoretical bases for health education for graduate school nursing students including program development and implementation, educational strategies, behavioral objectives, learner characteristics, instructional assessment and classroom management. Was previously offered as HE-584.

NU-585 School Nursing I Credits: 4
Term Offered: Fall Term
Course Type(s): None
Examines and analyzes the role of the school nurse as a healthcare provider, health educator, health counselor, child advocate in the school community, and interdisciplinary team member. Explores financial, legal, and administrative issues as they relate to school nursing. Reviews normal growth and developmental patterns. Describes common health problems, special needs, and interventions appropriate for school nurses. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-586 School Nursing II Credits: 4
Term Offered: Spring Term
Course Type(s): None
A continuation of the examination and analysis of the role of the school nurse as healthcare provider, health educator, health counselor, and interdisciplinary team member. An expansion of the role of the nurse as child advocate in the community and as public health nurse. Explores external and internal environmental influences that impact on the health of children. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-587P Practicum: School Nurse I Credits: 2
Prerequisite(s): NU-585
Co-requisite(s): NU-587S
Term Offered: All Terms
Course Type(s): None
Introduction to the clinical experience for the school nurse. The student has his/her clinical experience in the school nurse's office where he or she takes an active part in school health services, physical assessments, organization and administration of the school health program as outlined in NJAC 6A:9 Professional Licensure and Standards of the NJ Board of Education Standards. This is a pass/fail course.

NU-587S Seminar: School Nurse I Credits: 2
Prerequisite(s): NU-585
Co-requisite(s): NU-587P
Term Offered: Fall Term
Course Type(s): None
Discusses the school nurse's role as a healthcare provider, health counselor, administrator and member of the interdisciplinary school team. Students who are employed as a school nurse should take this two-credit seminar to fulfill the New Jersey Board of Education’s requirement of "a minimum six semester-hour credits in school nursing, including school health services, physical assessments, organization, and administration of the school health program." Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-588P Practicum: School Nurse II Credits: 2
Prerequisite(s): NU-586, NU-584, and NU-587S
Co-requisite(s): NU-588S
Term Offered: Spring Term
Course Type(s): None
A continuation of the clinical experience for the school nurse. The student functions in the role of the school nurse as a health educator. This is a pass/fail course.

NU-588S Seminar: School Nurse II Credits: 2
Prerequisite(s): NU-586 and NU-587S
Co-requisite(s): NU-584 and NU-588P
Term Offered: Spring Term
Course Type(s): None
Discusses the school nurse’s role as a health educator. Students must earn a minimum of a "B" in the course. Students who receive less than a "B" will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a "B" will make students ineligible to continue in programs requiring this course.
NU-598  Special Topics in Nursing
Term Offered: Spring Term
Course Type(s): None
Allows students to study a specific aspect of nursing. The subject matter varies from semester to semester and depends on the professor who teaches the course. If a prerequisite is required it will be announced in the course schedule.

NU-599  Independent Study in Nursing
Term Offered: All Terms
Course Type(s): None
Independent study (theory and/or practica) in a specialized area of interest to the student. Weekly consultations with supervising faculty member. Prior permission of the directing professor and department chair is required to take this course.

NU-621  Advanced Practice Nursing I: Adult Gerontology
Prerequisite(s): NU-521, NU-524, NU-535, NU-541, and NU-542.
Co-requisite(s): NU-622P and NU-622S
Term Offered: Fall Term
Course Type(s): None
Detailed case study analysis of common health problems of adult and older adults including pathophysiology, epidemiology, strengths and weaknesses of assessment of data collection, diagnostic process, planning, intervention, and evaluation. Interview and perform physical examination techniques for collecting subjective and objective data in primary, acute, and chronic illness in culturally diverse populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance will be explored. Expansion of traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics will be discussed. The course is process-driven and will require extensive reading in the student’s specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-622P  Advanced Practice Nursing Practicum I: Adult-Gerontology
Co-requisite(s): NU-621 and NU-622S
Term Offered: Fall Term
Course Type(s): None
Delivery of primary healthcare to adults and geriatric clients with common health problems, including collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of interdisciplinary practice with other healthcare providers. This is a pass/fail course.

NU-622S  Advanced Practice Nursing Seminar I: Adult Gerontology
Co-requisite(s): NU-621 and NU-622P
Term Offered: Fall Term
Course Type(s): None
Delivery of primary health care to adults and older adults with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of interdisciplinary practice with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-623  Advanced Practice Nursing II: Adult Gerontology
Prerequisite(s): NU-621
Co-requisite(s): NU-624P and NU-624S
Term Offered: Spring Term
Course Type(s): None
A continuation of NU-621. Detailed case study analysis of health problems including pathophysiology, epidemiology, strengths and weaknesses of assessment of data collection, diagnostic process, planning, intervention, and evaluation. Interview and physical examination techniques for collecting subjective and objective data in primary, acute, and chronic illness in culturally diverse populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance. Expansion of the traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics. A process-driven course that will require extensive reading in the student’s specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-624P  Advanced Practice Nursing Practicum: Adult Gerontology
Prerequisite(s): NU-621, NU-622S, and NU-622P
Co-requisite(s): NU-624S
Term Offered: Spring Term
Course Type(s): None
Delivery of primary healthcare to adult/gerontological and adolescent clients with common health problems including, collection of subjective and objective data using the techniques of interview and physical examination; deriving diagnoses; planning care for acute and chronic illness using community resources; communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of interdisciplinary practice with other healthcare providers. This is a pass/fail course.
NU-624S  Advanced Practice Nursing Seminar II: Adult Gerontology  Credits: 1
Prerequisite(s): NU-621, NU-622S, and NU-622P
Co-requisite(s): NU-623 and NU-624P
Term Offered: Spring Term
Course Type(s): None
Delivery of primary healthcare to adult/gerontological and adolescent clients with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving diagnoses; planning care for acute and chronic illness using community resources; use of communication for age-appropriate health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-631  Advanced Practice Nursing I: Family  Credits: 3
Prerequisite(s): NU-521, NU-524, NU-535, NU-541, and NU-542
Co-requisite(s): NU-632P and NU-632S
Term Offered: Fall Term
Course Type(s): None
Detailed case study analysis of common health problems of the adult and older adult including pathophysiology, epidemiology, strengths and weaknesses of assessment of data collection, diagnostic process, planning, intervention, and evaluation. Interview and physical examination techniques for collecting subjective and objective data in the primary-care and long-term care settings; deriving diagnoses; planning care for acute and chronic illness in culturally diverse populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance with be explored. Expansion of traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics. A process-driven course that will require extensive reading in the student’s specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-632P  Advanced Practice Nursing Practicum I: Family  Credits: 3
Co-requisite(s): NU-631 and NU-632P
Term Offered: Fall Term
Course Type(s): None
Delivery of primary healthcare to adult/gerontological and adolescent clients with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. This is a pass/fail course.

NU-632S  Advanced Practice Nursing Seminar I: Family  Credits: 1
Co-requisite(s): NU-631 and NU-632P
Term Offered: Fall Term
Course Type(s): None
Delivery of primary healthcare to adults and older adults with common health problems include collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-633  Advanced Practice Nursing II: Family  Credits: 3
Prerequisite(s): NU-631
Co-requisite(s): NU-634S and NU-634P
Term Offered: Spring Term
Course Type(s): None
Detailed case study analysis of health problems, including pathophysiology, epidemiology, strengths and weaknesses of assessment of data collection, diagnostic process, planning, intervention, and evaluation. Interview and physical examination techniques for collecting subjective and objective data in primary, acute and long-term care settings; deriving nursing diagnoses; planning care for acute and chronic illness in culturally diverse populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance. Expansion of traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics. A process-driven course that will require extensive reading in the student’s specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-634P  Advanced Practice Nursing Practicum II: Family  Credits: 3
Prerequisite(s): NU-631, NU-632S, and NU-632P
Co-requisite(s): NU-633 and NU-634S
Course Type(s): None
Delivery of healthcare to the child, pregnant couple, and adults with complex health problems, including collection of subjective and objective data using the techniques of interview and physical examination; deriving nursing diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling and motivating clients for positive health maintenance. Establishment of collaborative role with other health care providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. This is a pass/fail course.
NU-634S Advanced Practice Nursing Seminar II: Family | Credits: 1  
Prerequisite(s): NU-631, NU-632S, and NU-632P  
Co-requisite(s): NU-634P and NU-633  
Course Type(s): None  
Discussion of delivery of healthcare to the child, pregnant couple, and adults with complex health problems that include collection of subjective and objective data using the techniques of interview and physical examination; deriving nursing diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-635 Advanced Practice Nursing Pediatrics | Credits: 2  
Co-requisite(s): NU-635P  
Term Offered: Summer Term  
Course Type(s): None  
Detailed case study analysis of health problems including pathophysiology, epidemiology, strengths and weaknesses of assessment of data collection, diagnostic process, planning, intervention, and evaluation. Interview and physical examination techniques for collecting subjective and objective data in pediatric care, both acute and chronic illness in culturally diverse pediatric populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance. Expansion of traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics. The course is process-driven and will require extensive reading in the student’s specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-635P Advanced Practice Nursing Pediatrics Practicum | Credits: 1  
Prerequisite(s): NU-635  
Term Offered: Summer Term  
Course Type(s): None  
Deliver primary care to pediatric clients with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; diagnose and plan care for acute and chronic illness in culturally diverse pediatric populations utilizing community resources; use communication skills for health teaching and counseling and to motivate pediatric clients and their families for positive health maintenance. Expand the traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics. Establish collaborative relationships with other health care providers for comprehensive care. This is a pass/fail course.

NU-661 Nursing Administration I | Credits: 3  
Co-requisite(s): NU-622P and NU-622S  
Course Type(s): None  
Students are socialized into the middle-level management and administration roles by examination of the administrative process in a variety of healthcare organizations. Students are expected to assess, plan, develop, evaluate, and refine their effectiveness as managers and leaders of nursing and patient care services. By synthesizing information from previous course work, management theories, and relevant research, students will be able to apply themselves to the management/administration roles. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-662P Nursing Administration I Practicum | Credits: 2  
Co-requisite(s): NU-661 and NU-662S  
Term Offered: Fall Term  
Course Type(s): None  
Students observe and participate in the middle-level management/administrative process in a variety of healthcare organizations. For the required practicum, the student selects a nursing service compatible with the student’s individual goals. Socialization into the middle management and administrative roles permits students to assess, plan, implement, and refine their skills as beginning practitioners as managers and leaders of nursing and patient care services. This is a pass/fail course.

NU-662S Nursing Administration I Seminar | Credits: 1  
Co-requisite(s): NU-661 and NU-662P  
Course Type(s): None  
Students analyze the middle-level management/administrative process in a variety of healthcare organizations. Socialization into the middle management and administrative roles permits students to assess, plan, implement, and refine their skills as beginning practitioners as managers and leaders of nursing and patient care services. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-663 Nursing Administration II | Credits: 3  
Prerequisite(s): NU-661, NU-662S, and NU-662P  
Co-requisite(s): NU-664P and NU-664S  
Term Offered: Spring Term  
Course Type(s): None  
Students are prepared to practice in the role of middle-level administration and nursing case manager. Students will build on the information obtained in Nursing Administration I. In addition, nurses will learn the role of the nursing case manager. Students learn how to provide quality healthcare along a continuum, decrease fragmentation of care across multiple settings, enhance the client’s quality of life, and address issues concerning cost containment. Communication and collaboration techniques are utilized to assess, plan, implement, coordinate, monitor and evaluate the options and services available to meet individual health needs. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
NU-664P  Nursing Administration II Practicum  Credits: 2
Prerequisite(s): NU-661, NU-662S, and NU-662P
Co-requisite(s): NU-663 and NU-664S
Term Offered: Spring Term
Course Type(s): None
Students observe and participate in the human resources and the nursing case management roles. Students build on the information obtained in Nursing Administration I. Students investigate the integration of the nursing administrator role and human resource elements and observe the relationship through direct observation of the HR staff and the Executive Team. This is a pass/fail course.

NU-664S  Nursing Administration II Seminar  Credits: 1
Prerequisite(s): NU-661, NU-662S, and NU-662P
Co-requisite(s): NU-663 and NU-664P
Term Offered: Spring Term
Course Type(s): None
Students analyze the human resource role and the nursing case management role and their relationship to nursing administration. Students build on the information obtained in Nursing Administration Seminar I. Students assess, plan, and implement their effectiveness as administrative-level nursing personnel and delve into the knowledge required to comprehend the role of case management and human resources and their relation to nursing administration. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-669  Psychiatric Mental Health Nursing I: Practice with Children and Adolescents  Credits: 3
Prerequisite(s): NU-521, NU-524, NU-535, NU-543, and NU-544
Co-requisite(s): NU-670P and NU-670S
Course Type(s): None
Examines psychological theories, assessment techniques and psychopharmacologic interventions for working directly with children, adolescents, and their caretakers. Emphasizes evidence-based interventions that address diverse groups of children or adolescents within their social contexts (e.g., peer group, school, family, neighborhood). Special attention will be given to issues of diversity as it relates to building therapeutic relationships and intervening with children, adolescents and their families. Treatment planning and specific methodologies for working therapeutically with children and adolescents will be evaluated. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-670P  Psychiatric Mental Health Nurse Practitioner Nursing I: Practice with Children and Adolescents Practicum  Credits: 2
Prerequisite(s): NU-521, NU-524, NU-535, NU-543, and NU-544
Co-requisite(s): NU-669 and NU-670S
Course Type(s): None
Delivery of mental healthcare to children and adolescents with mental health problems including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. This is a pass/fail course.

NU-670S  Psychiatric Mental Health Nursing I: Practice with Children and Adolescents Seminar  Credits: 1
Prerequisite(s): NU-521, NU-524, NU-535, NU-543, and NU-544
Co-requisite(s): NU-669 and NU-670P
Course Type(s): None
Delivery of mental health care to children and adolescents with mental health problems including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-671  Advanced Practice Psychiatric/Mental Health Nursing II: Psychopharmacology and Introduction to Therapy  Credits: 3
Prerequisite(s): NU-521, NU-535, NU-543, and NU-544
Co-requisite(s): NU-672P and NU-672S
Term Offered: All Terms
Course Type(s): None
Focuses on advanced knowledge of psychiatric/mental health nursing. Assessment, treatment planning and therapeutic interventions with individuals, families and groups will be introduced. Offers various treatment models including the classic schools and current developments in individuals, families and groups. Each therapeutic modality will be presented using key concepts, an explanation of the therapeutic process and application of techniques. In view of the reliance on direct practice experiences with individuals, families and groups, students will be placed in clinical sites concurrently with the courses NU-672P and NU-672S. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-672P  Advanced Practice Psychiatric/ Mental Health Nursing Practicum II  Credits: 3
Co-requisite(s): NU-671 and NU-672S
Term Offered: All Terms
Course Type(s): None
Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other health care providers. This is a pass/fail course.
NU-672S  Advanced Practice Psychiatric/Mental Health Nursing Seminar II
Credits: 1
Co-requisite(s): NU-671 and NU-672P
Term Offered: AllTerms
Course Type(s): None
Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other health care providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-673  Advanced Practice Psychiatric/ Mental Health Nursing III
Credits: 3
Prerequisite(s): NU-671, NU-672P, and NU-672S
Co-requisite(s): NU-674P and NU-674S
Term Offered: AllTerms
Course Type(s): None
Builds upon the foundation course NU-671. As clinicians there is an ever-presenting need to interpret theory and engage in practice inclusively. Examines how clients’ lives are affected by larger societal structures. This course will examine modalities and ways to intervene with clients with a true sensitivity and understanding of issues of race, culture, gender, religion and sexual orientation. Each therapeutic modality will be presented using key concepts, an explanation of the therapeutic process and application of techniques. In view of the reliance on direct-practice experiences with individuals, families and groups, students will be placed in clinical sites concurrently with this course (NU-674P and NU-674S). Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-674P  Advanced Practice Psychiatric/Mental Health Nursing Practicum III
Credits: 3
Prerequisite(s): NU-671, NU-672S, and NU-672P
Co-requisite(s): NU-673 and NU-674S
Term Offered: AllTerms
Course Type(s): None
A continuation of NU-672P. Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. This is a pass/fail course.

NU-674S  Advanced Practice Psychiatric/Mental Health Nursing Seminar III
Credits: 1
Prerequisite(s): NU-671, NU-672P, and NU-672S
Co-requisite(s): NU-673 and NU-674P
Term Offered: AllTerms
Course Type(s): None
A continuation of NU-672S. Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources, use of interventions including short-term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-699  Independent Study in Nursing (600 Level)
Credits: 3
Term Offered: AllTerms
Course Type(s): None
Independent study (theory and/or practica) in a specialized area of interest to the student. Weekly consultations with supervising faculty member. Prior permission of the directing professor and department chair is required to take this course.

NU-701  Translating Evidence to Clinical Practice
Credits: 3
Term Offered: AllTerms
Course Type(s): OL
Components central to the concept of evidence-based practice are introduced and emphasis is placed on evaluating systematically, research and evidence from multiple sources. Critical appraisal of evidence utilizing clinical informatics, databases, multidisciplinary best practices, and systematic reviews of randomized clinical trials will be included in an approach to clinical question or problem for a practice change. Strategies for creating a culture of evidence-based practice for individuals and clinical systems will be explored. Tools for diffusing the change or innovation are included. The concept of translational science will prepare students to begin formulation of a capstone project. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-702  Health Promotion in Diverse Populations
Credits: 3
Term Offered: AllTerms
Course Type(s): OL
Examines the influence of culture on nursing care delivery. Explores the DNP's role in providing culturally appropriate care for increasingly diverse populations. The focus of the course is on global health issues, factors affecting health, disparities in healthcare and infrastructure of populations. Students will utilize evidence-based research to analyze various social, cultural, and economic factors that impact health, illness and the perceptions/behaviors of diverse ethnic and minority groups as they relate to health promotion. Content includes an examination of social, psychological, and cultural theories, a review of current research about health and illness beliefs/behaviors, and the development of health promotion strategies to improve care provided to individuals, aggregates and populations. Students must earn a grade of "B" or higher in this course or it will have to be repeated.
NU-703 Epidemiology and Genetics/Genomics Credits: 3
Term Offered: All Terms
Course Type(s): OL
Explores the key features of epidemiological and genetic concepts and theories in relation to populations. Epidemiological principles will be examined in relation to public health issues to plan and evaluate strategies to prevent illness and study diseases. Exploration of the risks health care personnel deal with: environmental catastrophes, (chemical, biological, and radiation), nuclear attacks, disease outbreaks and global conflicts. Investigation into local, regional, national and international databases regarding health disparities, disease entities, genetic problems, global threats and the response preparedness and effectiveness of various agencies and governments. The student will identify risk factors for genetic disease and explore the influence of genetics and genomics on human diseases as they relate to the ethical, legal and financial responsibilities of the advanced practice nurse. Students must earn a grade of "B" or higher in this course, or it will have to be repeated.

NU-705 Interprofessional Collaboration and Team Facilitation Credits: 2
Co-requisite(s): NU-706
Term Offered: All Terms
Course Type(s): OL
Examines advanced communication skills and other behaviors that provide the knowledge and skills needed for exemplary leadership, with an emphasis on relationships and team building. Leadership and communication strategies that help move professionals multidisciplinary groups toward common goals and objectives will be examined. DNP students only.

NU-706 Leadership Immersion I Credits: 1
Co-requisite(s): NU-705
Term Offered: All Terms
Course Type(s): OL
The practice immersion experience facilitates advanced nursing practice by allowing the student to demonstrate and integrate their knowledge of upper level management processes in a health care organization by considering advanced communication skills and other behaviors that provide the knowledge and skills needed for exemplary leadership, with an emphasis on relationship development, effective meeting management, team building, and resolution of complex situations. This is a pass/fail course.

NU-715 Organizational Leadership in Healthcare Credits: 3
Term Offered: All Terms
Course Type(s): OL
Examines organizational systems and processes that emphasize the demand for clinical practice leadership, improvement of health outcomes and ensured patient safety. Students are provided the tools to develop expertise in assessing the vision, mission and organizational strategic plans. Emphasis is placed on executive decision making, leading change efforts, and instituting innovative methodologies for system improvement. Organizational behaviors directed towards quality improvement, negotiation, conflict resolution, performance evaluation and ethical conduct in a business environment. Enhances the student’s ability to use power and influence to achieve goals, build teams and alliances, establish strong communication channels, and empower others. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-716 Health Care Policy for Advocacy in Health Care Credits: 3
Term Offered: All Terms
Course Type(s): OL
Examines healthcare economics, political and public health issues, and their relation to development and implementation of health policies at regional, national and international levels. Health policy influences multiple care delivery issues, including health disparities, underserved populations, cultural sensitivity, ethics, law, health care financing, and issues of equity and social justice in the delivery of healthcare. The DNP role will be discussed in the creation of such policies. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-718 Health Care Economics and Financial Management Credits: 3
Term Offered: All Terms
Course Type(s): OL
Provides an in-depth exploration of economics and finance, budget, reimbursement mechanisms and innovative business models for health care organizations and practice settings. Students will have an opportunity to develop and review business plans and to evaluate cost-benefit analyses as they relate to the DNP role. The practical application of management of financial resources, tools for decision making and communication strategies will be integrated. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-720 Research Methods in Healthcare Leadership Credits: 3
Term Offered: All Terms
Course Type(s): OL
Focus is on the critical analysis of the research process. There is an emphasis on the data collection and data analysis steps of research. Skills are developed in the use of the SPSS statistical program and the interpretation of descriptive and inferential statistics for outcome evaluation in healthcare. Interpretation and evaluation of statistical analysis in published research are emphasized. Skills are refined in the dissemination of research to healthcare professionals. DNP students only.

NU-730 Doctor Nursing Practice Project I Credits: 3
Prerequisite(s): NU-701, NU-702, NU-703, NU-715, NU-716, and NU-720 all passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): OL
The DNP project culminates in a practice immersion experience that affords the student the opportunity to integrate and synthesize information from a variety of areas and previous course work to exhibit mastery of an advanced specialty within nursing practice. Students will demonstrate synthesis of the DNP education and advanced nursing practice specialty which focuses on change that impacts healthcare outcomes either through direct or indirect care. Students will share their journey toward developing the DNP project through class discussion using a variety of communication modalities. In consultation with the DNP Project Advisor, students will select an area of specialty practice and propose a project. The end result will be a proposed project based on the principles of evidence-based practice that incorporates planning, implementation, evaluation and dissemination concepts. This will provide a foundation for continued scholarship while making significant contributions in the student’s area of interest. Students must earn a grade of B or higher in this course or it will have to be repeated.
NU-731 Leadership Immersion II Credits: 3
Prerequisite(s): NU-701, NU-702, NU-703, NU-705, NU-715, NU-716 all passed with a grade of B or higher, and NU-706 passed with a grade of P
Term Offered: All Terms
Course Type(s): OL
Immersion into the leadership role provides the student an opportunity to expand their leadership skillset and apply, integrate, and synthesize the DNP Essentials through a collaborative partnership between the university and approved practice partners. The student will develop specific learning objectives related to the DNP Essentials, application of theory, and role requirements jointly with the assigned professor to develop their nursing specialty expertise. This course is individualized to each student's specific area of practice interest. This experience should provide opportunities to work with experts including interdisciplinary to build and assimilate knowledge for advanced nursing practice at the highest level of complexity. DNP Essentials guideline state that graduates should have 1000 hours of combines clinical and experience through the MSN and DNP studies. It is expected that all students in the DNP program complete 500 hours in addition to the 500 hours previously completed in their master's level program or if additional hours are required to meet their advisor to construct a plan. This is a pass/fail course.

NU-732 Doctor Nursing Practice Project II Credits: 3
Prerequisite(s): NU-730 passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): OL
DNP Project II builds on the content and processes developed in the DNP Project I towards implementation. Students will share their journey of implementation and evaluation of the DNP project through class discussion using a variety of communication modalities. In consultation with the DNP Project Advisor students will implement and evaluate the project. This course is a continuation of DNP Project I. Students will continue to integrate and apply information from a variety of areas to demonstrate expertise in an advanced specialty within nursing practice. Students will continue to demonstrate synthesis of the DNP education and advanced nursing practice specialty which focuses on change that impacts healthcare outcomes either through direct or indirect care. The end result will be an executed project based on the principles of evidence-based practice that incorporates planning, implementation, evaluation and dissemination concepts. Students must earn a grade of B or higher in this course or it will have to be repeated.

NU-733 Leadership Immersion III Credits: 3
Prerequisite(s): NU-731 passed with a grade of P
Term Offered: All Terms
Course Type(s): OL
Continuation of the practice immersion experience provides the student with additional opportunities to apply, integrate, and synthesize the DNP Essentials. The student will again develop specific learning objectives related to the DNP Essentials, application of theory, and role requirements jointly with the assigned professor to develop their nursing specialty expertise. This course is individualized to each student’s specific area of practice interest. This experience should provide opportunities to work with experts including interdisciplinary to build and assimilate knowledge for advanced nursing practice at the highest level of complexity. DNP Essentials guideline state that graduates should have 1000 hours of combined clinical and experience through the MSN and DNP studies. It is expected that all students in the DNP program complete 500 hours in addition to the 500 hours previously completed in their master's level program or if additional hours are required to meet with their advisor to construct a plan. This is a pass/fail course.

NU-762 Tests and Measures Credits: 3
Term Offered: Spring Term
Course Type(s): OL
Considers evaluation methods related to norm-referenced and criterion-referenced evaluation methods in education. Students will investigate criteria used to develop reliable and valid evaluation measures. Current issues and research related to educational testing instruments, alternatives to standardized evaluation methods, and outcome measurement in education will be discussed. Students will explore measurement theory and evaluate measures that are used to identify cognitive, affective, and psychomotor domains as they relate to education. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. Also listed as NU-562. Students who have taken NU-762 are not eligible to take NU-562.

NU-764 Curriculum Development and Instruction in Nursing Credits: 3
Term Offered: Fall Term
Course Type(s): OL
The primary focus of this course is the process of curriculum development in nursing. Factors influencing curriculum development, the process of curriculum development and evaluation methods are emphasized. Instruction and evaluation in didactic nursing courses and clinical experiences are addressed. Individuals completing this course will be prepared for the role of nurse educator in academic settings. Students who have taken NU-764 are not eligible to take NU-564.

NU-766P Nurse Educator Practicum I
Co-requisite(s): NU-766S
Term Offered: Fall Term
Course Type(s): OL
Course provides an opportunity for the student to engage in planned clinical practice experiences, incorporating the concentration (Pathophysiology, Pharmacology, and Advance Health Assessment) in a direct-care role in a clinical setting to strengthen their patient care delivery skills. The student will also function in the role of the novice academic nurse educator, applying teaching and learning principles in both the academic and clinical settings. Each practice experience is guided by a preceptor. Total practicum hours for this course is a minimum of 90 hours. This is a pass/fail course. Students who have taken NU-766P are not eligible to take NU-566P.

NU-766S Nurse Educator Seminar I
Co-requisite(s): NU-766P
Term Offered: Fall Term
Course Type(s): None
Through discussion and sharing, students reflect on their direct-care practicum experiences and how it impacts the role of academic nurse educator. In addition, students discuss the role of the academic nurse educator and how the practicum experiences relate to the eight core nursing competencies of the academic nurse educator outlined by the National League for Nursing. Students who have taken NU-566S are not eligible to take NU-766S.
NU-767P  Nurse Educator Practicum II  Credits: 2
Co-requisite(s): NU-767S
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practicum experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567S.

NU-767S  Nurse Educator Seminar II  Credits: 1
Co-requisite(s): NU-767P
Term Offered: Spring Term
Course Type(s): None
Through further discussion, and sharing, students refine their practice and identify the tasks associated with the eight core competencies of the academic nurse educator outlined by the National League for Nursing. Also listed as NU-567S. Students who have take NU-767S are not eligible to take NU-567S.

NU-799  Independent Study in Nursing (doctorate Level)  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Independent study (theory and/or practica) in a specialized area of interest to the student. Weekly consultations with supervising faculty member. Course can be graded (theory) or pass/fail (practica). Prior permission of the directing professor and department chair is required to take this course.

PHA-601  Human Anatomy  Credits: 5
Term Offered: Fall Term
Course Type(s): None
Anatomy is a central focus of basic science education. During this course the student is introduced to gross anatomy presented by the regional approach. The student becomes familiar with the back, chest, upper extremity, abdomen, pelvis, lower extremity, neck, head, the central nervous system, and internal viscera. Instruction is primarily in lecture and lab format. However, atlases, computer programs, and other visual aids are available. Student performance is evaluated in both written and practical examinations.

PHA-602  Human Physiology  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Provides a basic understanding of human physiology while covering the processes of how the body functions. This lecture-based class will lead to an understanding of how the body responds to stimuli and how it maintains homeostasis while exposed to a varying environment.

PHA-603  Introduction to Patient Assessment  Credits: 5
Term Offered: Fall Term
Course Type(s): None
Students will be introduced to basic history taking and physical examination techniques, psychosocial development and behavior, and the effective relationship between the physician assistant, other health professionals, and the patient. Techniques of physical examination and use of examining equipment are introduced. Students are assigned to preceptors for the purpose of taking complete histories and performing a complete physical examination on patients.

PHA-604  Behavioral Medicine  Credits: 2
Term Offered: Fall Term
Course Type(s): None
Provides an overview of psychiatric concepts and an introductory approach to the evaluation of patients with behavioral issues. Includes a discussion of various psychiatric syndromes, with a review of causal factors and clinical presentation. Provides an overview of normal human behavior development over the life span. The impact that psychological problems have on the total health care of the patient will be emphasized.

PHA-606  Physical Diagnosis  Credits: 4
Term Offered: Spring Term
Course Type(s): None
Continuation on the focus of Introduction to Patient Assessment on developing physical examination skills and the process of clinical data collection. Introduces the process of clinical reasoning and decision making. Attention will be provided to the recognition and appropriate description of common abnormal physical findings. Emphasis will be placed on the analysis and interpretation of clinical data that occurs during the process of formulating a differential diagnosis.

PHA-607  Diagnostic and Clinical Procedures  Credits: 5
Term Offered: Spring Term
Course Type(s): None
Instruction in interpretation of and indications for clinical laboratory tests, electrocardiography, and diagnostic radiography. Identification and understanding of normal and abnormal results, and correlation with medical cases will be emphasized. The final exam emphasizes critical thinking with case-based analysis.

PHA-608  Pharmacology for Physician Assistants  Credits: 2
Co-requisite(s): PHA-609
Term Offered: Spring Term
Course Type(s): None
Designed to demonstrate the practical application of pharmaceutical science as utilized for the formulation of drug therapy decisions.

PHA-609  Clinical Therapeutics  Credits: 2
Co-requisite(s): PHA-608
Term Offered: Spring Term
Course Type(s): None
Designed to demonstrate the practical application of pharmaceutical science as utilized for the formulation of drug therapy decisions.

PHA-610  Pathophysiology  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Focuses on the fundamentals of the pathologic changes that occur in different organs of the body. Gross and microscopic specimens are used to provide a clear understanding of the disease processes that affect the human body. Conducted as a lecture series that is supplemented by readings, lecture notes that will be emailed to the student, and a review of pathologic slides and specimens when appropriate. Provides an understanding of the pathologic process that leads to clinical signs and symptoms of diseases.
Introduces the student to the physician assistant profession and professional practice issues. Includes the history of the Physician Assistant profession, significance of the PA-physician team, professional organizations, professionalism, and professional development.

Topics in Medicine and Surgery III
Prerequisite(s): PHA-637 and PHA-638
Course Type(s): None
Topics in Medicine and Surgery III is the third in a series of three courses instructing students in clinical medicine presented in an organ systems format. The course builds upon the knowledge acquired in Topics in Medicine & Surgery II. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.

Physiology & Pathophysiology I
Course Type(s): None
This is the first of two courses providing students with in-depth study of medical physiology & pathophysiology. Physiology and Pathophysiology I is designed to offer foundational training in the principles of medical physiology and pathophysiology, in addition to more specific training pertaining to the organ systems covered in the course that, when possible, are aligned with the topics delivered in concomitant Topics in Clinical Medicine coursework. Together, the two courses provide a foundation in human physiology coupled with the in-depth study of pathophysiological processes that lead to clinical signs and symptoms of illness and diseases.

Physiology and Pathophysiology II
Course Type(s): None
This is the second of two courses providing students with in-depth study of medical physiology & pathophysiology. Physiology and Pathophysiology II builds on knowledge acquired in Physiology & Pathophysiology I to offer further training in the medical physiology, in addition to more specific training pertaining to the organ systems covered in the course that, when possible, are aligned with the topics delivered in concomitant Topics in Clinical Medicine coursework. Together, the two courses provide a foundation in human physiology coupled with the in-depth study of pathophysiological processes that lead to clinical signs and symptoms of illness and diseases.

Pharmacology and Pharmacotherapy I
Course Type(s): None
The Pharmacology & Pharmacotherapy I course is the first of two courses providing students with in-depth study in the science and applications of pharmacology. This course covers an introduction to the principles of pharmacology, pharmacogenetics, and pharmacotherapy in addition to the indications, contraindications, interactions, and adverse effects of specific drug classes and the drugs within each class.

Pharmacology and Pharmacotherapy II
Prerequisite(s): PHA-618
Course Type(s): None
The Pharmacology & Pharmacotherapy II course is the second of two courses providing students with in-depth study in the science and applications of pharmacology. This course builds upon the knowledge gained in the first semester course and provides an in-depth study of the indications, contraindications, interactions, and adverse effects of specific drug classes and the drugs within each class.

PA Professional Practice
Course Type(s): None
PA Professional Practice is designed as a comprehensive introductory course to the PA profession and professional practice issues. Topics include the history of the PA profession, professionalism, team-based interprofessional care, patient-centered care practices, the medical coding, billing and documentation, healthcare systems and policies, concepts of public health, patient safety, quality improvement and risk management.

Topics in Medicine and Surgery
Co-requisite(s): PHA-622
Instructs students in the various disease entities in preparation for clinical internships. Students will develop their knowledge base in the etiology, clinical presentation, differential diagnoses, and therapeutic approach to disease processes. This course is composed of a series of lectures provided by primary care practitioners and specialists. Topics covered include a full-range of adult and pediatric health problems. An introduction to the fields of Obstetrics/Gynecology, Ophthalmology, and Surgery is included. Attention is focused on data collection, problem solving, clinical decision making, and the importance of incorporating patient education and preventive counseling in the clinical encounter.

Clinical Management
Co-requisite(s): PHA-621
Using literature searches, critical analysis, and newly acquired medical information students study various clinical patient scenarios and apply basic medical knowledge in an effort to evaluate and recommend appropriate treatment. Students will employ all the tools acquired in previous courses to analyze these scenarios to develop realistic diagnoses, problem lists, and plans incorporating the proper ancillary clinical and diagnostic methods appropriate for supporting the diagnosis. The student will also be required to recommend therapeutic measures as deemed necessary. This is the first student effort to organize all of the knowledge gained to date and to exercise this knowledge in true patient management.
PHA-623 Clinical Skills I  Credits: 3
Prerequisite(s): PHA-603
Term Offered: Spring Term
Course Type(s): None
Clinical Skills I builds upon the previous semester's Introduction to Patient Assessment course to further advance interpersonal and communication skills resulting in the effective exchange of information and collaboration with patients, their families, and other health professions, development of clinical reasoning and problem-solving abilities, patient evaluation, work-up, diagnosis, intervention, and management. The course will be modularized to accompany the topics covered in the Topics in Medicine & Surgery II courses occurring in the same semester.

PHA-624 Behavioral Medicine and Psychiatry  Credits: 4
Course Type(s): None
Provides an overview of psychiatric concepts and an introductory approach to the evaluation of patients with behavioral issues. Includes a discussion of various psychiatric syndromes, with a review of causal factors and clinical presentation. Provides an overview of normal human behavior development over the life span. The impact that psychological problems have on the total health care of the patient will be emphasized.

PHA-625 Research Methods I  Credits: 2
Term Offered: Spring Term
Course Type(s): None
An exploration in the fundamental concepts of research in the health sciences. Problem finding, formulation of a research question, research methodology, design, and data collection and interpretation will be addressed. Ethical considerations in research will be discussed. Published research articles will be critically analyzed. At the conclusion of the course, the students will have developed the framework of an original study, which will be further developed in PHA-626.

PHA-627 Research Methods I  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Research Methods I is the first of 2 courses specifically designed as the PA student's graduate-level research training with emphasis on practice-based learning and improvement (PBLI). The course includes specific training in principles of practice-based learning & improvement, basic biomedical statistics, research methods & design, and the analysis and application of medical research geared towards improving patient outcomes in clinical practice. As the first of two courses, this course will serve as a foundational course enabling the PA student to develop a practice-based improvement project that will be finalized in Research Methods II delivered during the clinical phase of training.

PHA-628 Clinical Skills II  Credits: 3
Prerequisite(s): PHA-623
Term Offered: Spring Term
Course Type(s): None
Clinical Skills II builds upon the previous semester's Clinical Skills I course to further advance interpersonal and communication skills resulting in the effective exchange of information and collaboration with patients, their families, and other health professions, development of clinical reasoning and problem-solving abilities, patient evaluation, work-up, diagnosis, intervention, and management. The course will be modularized to accompany the topics covered in the Topics in Medicine & Surgery III courses occurring in the same semester. Prerequisite: PHA-623.

PHA-629 Pathology  Credits: 3
Prerequisite(s): PHA-601 and PHA-602
Term Offered: Spring Term
Course Type(s): None
The course provides a comprehensive overview of human pathology with emphasis on molecular and gross mechanisms of disease. The course provides an introduction to the organization, structure and function of normal cells and tissues; the pathophysiology principles of cellular injury, inflammation, circulatory disorders and atherosclerosis, immune injury, infection, degenerative disease, genetic disorders, neoplastic and environmental injury; and pathology of major organ systems.

PHA-632 Biomedical Ethics  Credits: 2
Term Offered: Fall Term
Course Type(s): None
The application of human and professional values, judgments, and choices to selective ethical dilemmas that arise in clinical practice. Traditional and contemporary approaches to resolving professional dilemmas will be discussed as well as ethics related to the delivery of healthcare.

PHA-635 Research Methods II  Credits: 1
Prerequisite(s): PHA-625
Term Offered: Spring Term
Course Type(s): None
Many of the tasks of this course are related to the completion of the research study which was begun in Research Methods I (PHA-625). Much of the work of this single-credit course is accomplished through small group activities outside of formal class sessions. Class sessions for the course are infrequent. These will be lecture-discussion sessions in which we will meet to discuss topics designed to facilitate the completion of the research study and to enhance knowledge of medical research in general. Reading assignments should be completed prior to these meetings so that class discussions can be meaningful. Lecture notes, assignments and announcements will be posted on the e-Campus course site. Students should check both class and Web-based discussions.

PHA-636 Healthcare Policy  Credits: 2
Term Offered: Spring Term
Course Type(s): None
The overall goal of this course is to provide the student with information regarding the various topics related to the U.S. healthcare delivery system. The student will also be made aware of the impact that healthcare policy and managed care has on the total health of a patient. The course is given during the final semester of the third professional year so the student can incorporate clinical skills with an analytical perspective on those issues that drive the current health care system. Classes will be conducted as a series of group discussions supported by the required textbook readings, e-Campus posted articles, and small group-led discussions on those articles with analysis focused on how each affects cost, quality, and access to medical care. Attention will be given to the current events surrounding the issue of healthcare reform. Additionally, the course will be augmented by occasional guest lecturers.
Surgical environments.

Supervised Clinical Practice Experiences (SCPEs) courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. Combined, the four SCPE courses provide the student with direct patient care exposures across required core and elective clinical experiences over the span of four semesters. In all experiences the student will participate in the provision of medical care for patients across the lifespan under the supervision of a licensed clinician, primarily a board-certified and licensed physician or a nationally certified and licensed PA. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. At the conclusion of the four SCPE courses, students will have had in-depth training and patient-care experiences in core areas, including Behavioral Medicine/Psychiatry, Emergency Medicine, Family Medicine, General Surgery, Internal Medicine, Pediatric Medicine, and Women’s Health Care, including prenatal and gynecologic care. Additionally, students have selective clerkships that can be in one of the core areas or a specialty practice area.

Topics in Medicine and Surgery I

Course Type(s): None

Term Offered: Fall Term

Topics in Medicine and Surgery I is one of three courses instructing students in clinical medicine presented in an organ systems format. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/ diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.

Topics in Medicine and Surgery II

Prerequisite(s): PHA-637 and successful completion of all previous coursework

Term Offered: Spring Term

Topics in Medicine and Surgery II is the second of three courses instructing students in clinical medicine presented in an organ systems format. The course builds upon the knowledge acquired in Topics in Medicine & Surgery I. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/ diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.

Supervised Clinical Practice Experiences I

Course Type(s): None

The Supervised Clinical Practice Experiences (SCPE) courses include various clinical clerkships providing the student with the direct patient care exposures across required core and elective clinical experiences. In all experiences the student will participate in patient-care experiences under the supervision of a licensed clinician. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and surgical environments.
Students are at all times held to the highest standards of professionalism paired with a licensed practitioner in each medical discipline or service. Clinical Clerkship year 2 is the second clinical clerkship providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will participate in the provision of medical care for patients across the lifespan under the supervision of a licensed clinician, primarily a board-certified and licensed physician or a nationally certified and licensed PA. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. At the conclusion of the four SCPE courses, students will have had in-depth training and patient-care experiences in core areas, including Behavioral Medicine/Psychiatry, Emergency Medicine, Family Medicine, General Surgery, Internal Medicine, Pediatric Medicine, and Women's Health Care, including prenatal and gynecologic care. Additionally, students have selective clerkships that can be in one of the core areas or a specialty practice area.

**PHA-651 Clinical Clerkships I**

- **Credits:** 5
- **Term Offered:** All Terms
- **Course Type(s):** None
- **Clinical Clerkship year 1** is the first of two years of clinical clerkships providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a health care delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

**PHA-652 Clinical Clerkships II**

- **Credits:** 12
- **Term Offered:** Spring Term
- **Course Type(s):** None
- **Clinical Clerkship year 2** is the second clinical clerkship providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a healthcare delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

**PHA-653 Clinical Clerkships III**

- **Credits:** 10
- **Term Offered:** Fall Term
- **Course Type(s):** None
- **Clinical Clerkship year 3** is the third clinical clerkship providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a healthcare delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

**PHA-654 Clinical Clerkships IV**

- **Credits:** 12
- **Term Offered:** Spring Term
- **Course Type(s):** None
- **Clinical Clerkship year 4** is the fourth clinical clerkship providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a healthcare delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

### M.S.N. - Adult-Gerontological Primary Care Nurse Practitioner (NU.ADULT.MSN)

**Code** | **Title** | **Credits**
--- | --- | ---
**Graduate Nursing Core (12 credits)**
NU-508 | Factors Affecting Healthcare $^1$ | 3
NU-512 | Nursing Research for Advanced Nursing Practice $^1$ | 3
NU-514 | Data Management for Advanced Nursing Practice $^1$ | 3
NU-518 | Education and Motivation of Nursing Clients $^1$ | 3
**APN Concentration (13 credits)**
NU-521 | Pathophysiology and Histology $^1$ | 3
NU-524 | Pharmacology for Advanced Nursing Practice $^1$ | 3
NU-535 | Advanced Health Assessment $^1$ | 3
NU-541 | Primary Care $^1$ | 3
NU-542 | Primary Care Laboratory | 1
**Clinical Specialty Adult (14 credits)**
NU-621 | Advanced Practice Nursing I: Adult Gerontology $^1$ | 3
NU-622P | Advanced Practice Nursing Practicum I: Adult-Gerontology | 3
NU-622S | Advanced Practice Nursing Seminar I: Adult Gerontology | 1
NU-623 | Advanced Practice Nursing II: Adult Gerontology $^1$ | 3
NU-624P | Advanced Practice Nursing Practicum: Adult Gerontology | 3
NU-624S | Advanced Practice Nursing Seminar II: Adult Gerontology $^1$ | 1

**Total Credits** 39

*$^1$ Must be passed with a grade of "B" or better

### Bridge Program for Registered Nurses

Registered nurses with a bachelor's degree in a field other than nursing can bridge into the MSN program by taking three upper-division undergraduate nursing courses (9 credits) at Monmouth University prior to taking courses in the MSN track of his or her choice. One of the three courses may be waived, at the program director's discretion if the student has already completed a college-level health assessment or an appropriate continuing education course.
RN to MSN Direct Program

The RN to MSN Direct Program is designed to allow nurses to quickly attain an MSN degree. Registered nurses who presently hold an associate degree or diploma in nursing will be able to earn an MSN degree without earning a baccalaureate degree on upon successful completion of courses totaling 150 credits. Students are accepted into the RN to MSN Direct Program as graduate students. Successful completion of the Undergraduate Nursing Certificate is a prerequisite for taking graduate nursing (NU) courses. See the School of Nursing (p. 188) section of the current graduate catalog for additional acceptance criteria. Depending on the selected MSN track, students are required to complete 30 undergraduate preparatory credits, and 36 to 48 graduate nursing credits, in order to earn a Master of Science in Nursing degree, as stipulated by the State of New Jersey, students must document completion of at least 150 credits.

Admission Requirements

1. Possession of a BSN from an accredited program, with a minimum 3.0 GPA. RN students with a baccalaureate degree other than nursing may be admitted into the "bridge" program.
2. A current New Jersey RN license and one year of work experience as a registered professional nurse. For APN tracks one year of experience in the enrolled specialty track is required before beginning the clinical specialty practicum.
3. A personal statement (one to two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director’s discretion.) This requirement does not apply to the Nursing Administration concentration.
6. Proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.
7. Résumé.

M.S.N. - Family Nurse Practitioner (NU.FAMILY.MSN)

<table>
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<th>Code</th>
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<tr>
<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
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<tr>
<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-514</td>
<td>Data Management for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-518</td>
<td>Education and Motivation of Nursing Clients</td>
<td>3</td>
</tr>
<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology</td>
<td>3</td>
</tr>
<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NU-541</td>
<td>Primary Care</td>
<td>3</td>
</tr>
<tr>
<td>NU-542</td>
<td>Primary Care Laboratory</td>
<td>1</td>
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<tr>
<td>NU-635</td>
<td>Advanced Practice Nursing Pediatrics Practicum</td>
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APN Concentration (16 credits)

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<tr>
<td>NU-631</td>
<td>Advanced Practice Nursing I: Family</td>
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<tr>
<td>NU-632P</td>
<td>Advanced Practice Nursing Practicum I:</td>
<td>3</td>
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<tr>
<td>NU-632S</td>
<td>Advanced Practice Nursing Seminar I:</td>
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<tr>
<td>NU-633</td>
<td>Advanced Practice Nursing II: Family</td>
<td>3</td>
</tr>
<tr>
<td>NU-634P</td>
<td>Advanced Practice Nursing Practicum II:</td>
<td>3</td>
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<tr>
<td>NU-634S</td>
<td>Advanced Practice Nursing Seminar II:</td>
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Total Credits 42

1 Must be passed with a grade of "B" or better

Bridge Program for Registered Nurses

Registered nurses with a bachelor’s degree in a field other than nursing can bridge into the MSN program by taking three upper-division undergraduate nursing courses (9 credits) at Monmouth University prior to taking courses in the MSN track of his or her choice. One of the three courses may be waived, at the program director’s discretion if the student has already completed a college-level health assessment or an appropriate continuing education course.

RN to MSN Direct Program

The RN to MSN Direct Program is designed to allow nurses to quickly attain an MSN degree. Registered nurses who presently hold an associate degree or diploma in nursing will be able to earn an MSN degree without earning a baccalaureate degree on upon successful completion of courses totaling 150 credits. Students are accepted into the RN to MSN Direct Program as graduate students. Successful completion of the Undergraduate Nursing Certificate is a prerequisite for taking graduate nursing (NU) courses. See the School of Nursing (p. 188) section of the current graduate catalog for additional acceptance criteria. Depending on the selected MSN track, students are required to complete 30 undergraduate preparatory credits, and 36 to 48 graduate nursing credits, in order to earn a Master of Science in Nursing degree, as stipulated by the State of New Jersey, students must document completion of at least 150 credits.

Admission Requirements

1. Possession of a BSN from an accredited program, with a minimum 3.0 GPA. RN students with a baccalaureate degree other than nursing may be admitted into the "bridge" program.
2. A current New Jersey RN license and one year of work experience as a registered professional nurse. For APN tracks one year of experience in the enrolled specialty track is required before beginning the clinical specialty practicum.
3. A personal statement (one to two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director’s discretion.) This requirement does not apply to the Nursing Administration concentration.
6. Proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.
7. Résumé.
RN to MSN Direct Program

Students who are interested in pursuing this program must apply to a Master of Science in Nursing program and fulfill all admission requirements after the completion of the Undergraduate Certificate in Nursing.

M.S.N. - Forensic Nursing (NU.FO.MSN)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
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</tr>
<tr>
<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-514</td>
<td>Data Management for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-518</td>
<td>Education and Motivation of Nursing Clients</td>
<td>3</td>
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</table>

Advanced Practice Concentration (15 credits)

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<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
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<td>NU-521</td>
<td>Pathophysiology and Histology</td>
<td>3</td>
</tr>
<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-543</td>
<td>Diagnosis and Treatment of Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>NU-536</td>
<td>Advanced Health Assessment for Forensic Nurses</td>
<td>3</td>
</tr>
<tr>
<td>NU-577</td>
<td>Forensic Pathology</td>
<td>3</td>
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</table>

Forensic Nursing Specialty (9 credits)

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-575</td>
<td>Issues in Forensic Nursing</td>
<td>3</td>
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<tr>
<td>NU-576</td>
<td>Interpersonal Violence</td>
<td>3</td>
</tr>
<tr>
<td>NU-578P</td>
<td>Forensic Nursing Practicum</td>
<td>2</td>
</tr>
<tr>
<td>NU-578S</td>
<td>Forensic Nursing Seminar</td>
<td>1</td>
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</tbody>
</table>

Select one of the following:

- NU-SANE Sexual Assault Nurse Examiner
- Medicolegal Death Investigation college level course
- Continuing Education course of at least 40 hours

Total Credits: 36

1 Must be passed with a grade of “B” or better.

Bridge Program for Registered Nurses

Registered nurses with a bachelor’s degree in a field other than nursing can bridge into the MSN program by taking three upper-division undergraduate nursing courses (9 credits) at Monmouth University prior to taking courses in the MSN track of his or her choice. One of the three courses may be waived, at the program director’s discretion if the student has already completed a college-level health assessment or an appropriate continuing education course.

RN to MSN Direct Program

The RN to MSN Direct Program is designed to allow nurses to quickly attain an MSN degree. Registered nurses who presently hold an associate degree or diploma in nursing will be able to earn an MSN degree without earning a baccalaureate degree on upon successful completion of courses totaling 150 credits. Students are accepted into the RN to MSN Direct Program as graduate students. Successful completion of the Undergraduate Nursing Certificate is a prerequisite for taking graduate nursing (NU) courses. See the School of Nursing (p. 188) section of the current graduate catalog for additional acceptance criteria. Depending on the selected MSN track, students are required to complete 30 undergraduate preparatory credits, and 36 to 48 graduate nursing credits, in order to earn a Master of Science in Nursing degree, as stipulated by the State of New Jersey, students must document completion of at least 150 credits.

Admission Requirements

1. Possession of a BSN from an accredited program, with a minimum 3.0 GPA. RN students with a baccalaureate degree other than nursing may be admitted into the “bridge” program.
2. A current New Jersey RN license and one year of work experience as a registered professional nurse. For APN tracks one year of experience in the enrolled specialty track is required before beginning the clinical specialty practicum.
3. A personal statement (one to two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director's discretion.) This requirement does not apply to the Nursing Administration concentration.
6. Proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.
7. Résumé.

RN to MSN Direct Program

Students who are interested in pursuing this program must apply to a Master of Science in Nursing program and fulfill all admission requirements after the completion of the Undergraduate Certificate in Nursing.

M.S.N. - Nursing Education (NU.ED.MSN)

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<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
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<td>Nursing Research for Advanced Nursing Practice</td>
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<td>NU-514</td>
<td>Data Management for Advanced Nursing Practice</td>
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</tr>
<tr>
<td>NU-518</td>
<td>Education and Motivation of Nursing Clients</td>
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Advanced Practice Concentration (9 credits)

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<tbody>
<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology</td>
<td>3</td>
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<td>Pharmacology for Advanced Nursing Practice</td>
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<td>NU-543</td>
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<td>Advanced Health Assessment for Forensic Nurses</td>
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</tr>
<tr>
<td>NU-577</td>
<td>Forensic Pathology</td>
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Forensic Nursing Specialty (12 credits)

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Select one of the following:

- NU-SANE Sexual Assault Nurse Examiner
- Medicolegal Death Investigation college level course
- Continuing Education course of at least 40 hours

Total Credits: 36

1 Must be passed with a grade of “B” or better.
Admission Requirements

1. Possession of a BSN from an accredited program, with a minimum 3.0 GPA. RN students with a baccalaureate degree other than nursing may be admitted into the “bridge” program.
2. A current New Jersey RN license and one year of work experience as a registered professional nurse. For APN tracks one year of experience in the enrolled specialty track is required before beginning the clinical specialty practicum.
3. A personal statement (one to two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director's discretion.) This requirement does not apply to the Nursing Administration concentration.
6. Proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.
7. Résumé.

RN to MSN Direct Program

Students who are interested in pursuing this program must apply to a Master of Science in Nursing program and fulfill all admission requirements after the completion of the Undergraduate Certificate in Nursing.

Bridge Program for Registered Nurses

Registered nurses with a bachelor’s degree in a field other than nursing can bridge into the MSN program by taking three upper-division undergraduate nursing courses (9 credits) at Monmouth University prior to taking courses in the MSN track of his or her choice. One of the three courses may be waived, at the program director's discretion if the student has already completed a college-level health assessment or an appropriate continuing education course.

RN to MSN Direct Program

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M.S.N. - Psychiatric and Mental Health Nurse Practitioner (NU.PSYC.MSN)

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<td>NU-508</td>
<td>Factors Affecting Healthcare 1</td>
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<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice 1</td>
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<td>NU-514</td>
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<td>NU-521</td>
<td>Pathophysiology and Histology 1</td>
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<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice 1</td>
<td>3</td>
</tr>
<tr>
<td>NU-535</td>
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<td>NU-543</td>
<td>Diagnosis and Treatment of Psychopathology 1</td>
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<td>NU-544</td>
<td>Diagnosis and Treatment of Psychopathology Clinical Laboratory 1</td>
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<tr>
<td>NU-669</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents 1</td>
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<td>NU-671</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing II: Psychopharmacology and Introduction to Therapy 1</td>
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<td>Advanced Practice Psychiatric/ Mental Health Nursing III 1</td>
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<td>NU-674S</td>
<td>Advanced Practice Psychiatric/Mental Health Seminar III 1</td>
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Total Credits 45

1 Must be passed with a grade of "B" or better.

Bridge Program for Registered Nurses

Registered nurses with a bachelor’s degree in a field other than nursing can bridge into the MSN program by taking three upper-division undergraduate nursing courses (9 credits) at Monmouth University prior to taking courses in the MSN track of his or her choice. One of the three courses may be waived, at the program director's discretion if the
student has already completed a college-level health assessment or an appropriate continuing education course.

**RN to MSN Direct Program**
The RN to MSN Direct Program is designed to allow nurses to quickly attain an MSN degree. Registered nurses who presently hold an associate degree or diploma in nursing will be able to earn an MSN degree without earning a baccalaureate degree on upon successful completion of courses totaling 150 credits. Students are accepted into the RN to MSN Direct Program as graduate students. Successful completion of the Undergraduate Nursing Certificate is a prerequisite for taking graduate nursing (NU) courses. See the School of Nursing (p. 188) section of the current graduate catalog for additional acceptance criteria. Depending on the selected MSN track, students are required to complete 30 undergraduate preparatory credits, and 36 to 48 graduate nursing credits, in order to earn a Master of Science in Nursing degree, as stipulated by the State of New Jersey, students must document completion of at least 150 credits.

**Admission Requirements**

1. Possession of a BSN from an accredited program, with a minimum 3.0 GPA. RN students with a baccalaureate degree other than nursing may be admitted into the “bridge” program.
2. A current New Jersey RN license and one year of work experience as a registered professional nurse. For APN tracks one year of experience in the enrolled specialty track is required before beginning the clinical specialty practicum.
3. A personal statement (one to two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director’s discretion.) This requirement does not apply to the Nursing Administration concentration.
6. Proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.
7. Résumé.

**RN to MSN Direct Program**

Students who are interested in pursuing this program must apply to a Master of Science in Nursing program and fulfill all admission requirements after the completion of the Undergraduate Certificate in Nursing.

**M.S.N. - School Nursing - Non-Certified School Nurses (NU.SCH.NI.MSN)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-514</td>
<td>Data Management for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology</td>
<td>3</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NU-585</td>
<td>School Nursing I</td>
<td>4</td>
</tr>
<tr>
<td>NU-586</td>
<td>School Nursing II</td>
<td>4</td>
</tr>
<tr>
<td>NU-587P</td>
<td>Practicum: School Nurse I</td>
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</tr>
<tr>
<td>NU-587S</td>
<td>Seminar: School Nurse I</td>
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</tr>
<tr>
<td>NU-588P</td>
<td>Practicum: School Nurse II</td>
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<td>NU-588S</td>
<td>Seminar: School Nurse II</td>
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</tr>
<tr>
<td>HE-584</td>
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</table>

**Total Credits** 37

1. *Must be passed with a grade of “B” or better.*

**Bridge Program for Registered Nurses**

Registered nurses with a bachelor’s degree in a field other than nursing can bridge into the MSN program by taking three upper-division undergraduate nursing courses (9 credits) at Monmouth University prior to taking courses in the MSN track of his or her choice. One of the three courses may be waived, at the program director’s discretion if the student has already completed a college-level health assessment or an appropriate continuing education course.

**Note**

- Students without a BSN may need to complete undergraduate credits in foundation courses.

**Admission Requirements**

1. Possession of a BSN from an accredited program, with a minimum 3.0 GPA. RN students with a baccalaureate degree other than nursing may be admitted into the “bridge” program.
2. A current New Jersey RN license and one year of work experience as a registered professional nurse. For APN tracks one year of experience in the enrolled specialty track is required before beginning the clinical specialty practicum.
3. A personal statement (one to two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director’s discretion.) This requirement does not apply to the Nursing Administration concentration.
6. Proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.
7. Résumé.

**RN to MSN Direct Program**

Students who are interested in pursuing this program must apply to a Master of Science in Nursing program and fulfill all admission requirements after the completion of the Undergraduate Certificate in Nursing.
M.S.N. - School Nursing for Certified School Nurses (NU.SCH.CERT.MSN)

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<tr>
<td>NU-508</td>
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<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice</td>
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<td>NU-514</td>
<td>Data Management for Advanced Nursing Practice</td>
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School Nursing Concentration (9 credits)

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<tr>
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<td>Pharmacology for Advanced Nursing Practice</td>
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<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
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School Nursing Specialty (12 credits)

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<tr>
<td>NU-585</td>
<td>School Nursing I</td>
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<td>NU-586</td>
<td>School Nursing II</td>
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<tr>
<td>NU-584</td>
<td>Curriculum and Instruction in Health</td>
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</table>

Total Credits 30

1 Must be passed with a grade of "B" or better.

Bridge Program for Registered Nurses

Registered nurses with a bachelor’s degree in a field other than nursing can bridge into the MSN program by taking three upper-division undergraduate nursing courses (9 credits) at Monmouth University prior to taking courses in the MSN track of his or her choice. One of the three courses may be waived, at the program director’s discretion if the student has already completed a college-level health assessment or an appropriate continuing education course.

Admission Requirements

1. Possession of a BSN from an accredited program, with a minimum 3.0 GPA. RN students with a baccalaureate degree other than nursing may be admitted into the "bridge" program.
2. A current New Jersey RN license and one year of work experience as a registered professional nurse. For APN tracks one year of experience in the enrolled specialty track is required before beginning the clinical specialty practicum.
3. A personal statement (one to two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director’s discretion.) This requirement does not apply to the Nursing Administration concentration.
6. Proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.
7. Résumé.

RN to MSN Direct Program

Students who are interested in pursuing this program must apply to a Master of Science in Nursing program and fulfill all admission requirements after the completion of the Undergraduate Certificate in Nursing.

Doctor of Nursing Practice (DNP)

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<tr>
<td>NU-701</td>
<td>Translating Evidence to Clinical Practice</td>
<td>1</td>
</tr>
<tr>
<td>NU-702</td>
<td>Health Promotion in Diverse Populations</td>
<td>1</td>
</tr>
<tr>
<td>NU-703</td>
<td>Epidemiology and Genetics/Genomics</td>
<td>1</td>
</tr>
<tr>
<td>NU-705</td>
<td>Interprofessional Collaboration and Team Facilitation</td>
<td>1</td>
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DNP Requirements (36 credits)

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>NU-706</td>
<td>Leadership Immersion I</td>
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<tr>
<td>NU-715</td>
<td>Organizational Leadership in Healthcare</td>
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<tr>
<td>NU-716</td>
<td>Health Care Policy for Advocacy in Health Care</td>
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<tr>
<td>NU-718</td>
<td>Health Care Economics and Financial Management</td>
<td>1</td>
</tr>
<tr>
<td>NU-720</td>
<td>Research Methods in Healthcare Leadership</td>
<td>1</td>
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</table>

Total Credits 36

Note

• All courses must be passed with a grade of "B" or better.

Sequence Chart

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-701 Translating Evidence to</td>
<td>3</td>
<td>NU-703 Epidemiology and</td>
<td>3</td>
</tr>
<tr>
<td>Clinical Practice</td>
<td></td>
<td>NU-716 Health Care Policy for</td>
<td></td>
</tr>
<tr>
<td>NU-715 Organizational</td>
<td>3</td>
<td>NU-716 Health Care Policy for</td>
<td>3</td>
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<tr>
<td>Leadership in Healthcare</td>
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<td>Advocacy in Health Care</td>
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<tr>
<td>Semester Credits</td>
<td>6</td>
<td>Semester Credits</td>
<td>6</td>
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Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NU-702 Health Promotion in</td>
<td>3</td>
<td>NU-705 Interprofessional</td>
<td>2</td>
</tr>
<tr>
<td>Diverse Populations</td>
<td></td>
<td>Collaboration and Team</td>
<td></td>
</tr>
<tr>
<td>NU-720 Research Methods in</td>
<td>3</td>
<td>NU-706 Leadership Immersion I</td>
<td>1</td>
</tr>
<tr>
<td>Healthcare Leadership</td>
<td></td>
<td>NU-730 Doctor Nursing Practice</td>
<td></td>
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<tr>
<td>NU-730 Doctor Nursing Practice</td>
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<td>Project I</td>
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<tr>
<td>Semester Credits</td>
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<td>Semester Credits</td>
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</tbody>
</table>

Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-718 Health Care Economics</td>
<td>3</td>
<td>NU-732 Doctor Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>and Financial Management</td>
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<td>Project II</td>
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</tr>
<tr>
<td>NU-731 Leadership Immersion I</td>
<td>3</td>
<td>NU-733 Leadership Immersion III</td>
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<tr>
<td>Semester Credits</td>
<td>6</td>
<td>Semester Credits</td>
<td>6</td>
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</tbody>
</table>

Total Credits 36

Note:

• Students who start in the spring should follow the same sequence by starting with the same courses for fall in the spring.
Admission Requirements

1. Applicant must be a graduate of an accredited Master's in Nursing program or a related field (i.e., MBA, MPH, MHA).
2. Possession of an active RN license.
3. Certification in a specialization is preferred.
4. Must have a minimum of GPA of 3.2 or higher on a 4.0 scale.
5. Currently employed.
6. Statement of vision of her/his leadership role to improve healthcare outcomes.
7. Résumé that includes details of current practice.
8. Two professional and/or academic letters of recommendation.
9. Official transcripts from all previous college work.
10. Telephone or in person interview may be a part of the admission process.
11. Current liability and malpractice insurance of $1,000,000 to $3,000,000.
12. After admission, prior to starting classes, students must submit to the School of Nursing and Health Studies a certificate of good health from a primary care practitioner, including a health history and physical examination with associated laboratory studies, immunizations, and criminal background checks in accordance with the special requirements of affiliation contracts with clinical agencies.

Forensic Nursing Graduate Certificate (NU.FO.GR.C)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-536</td>
<td>Advanced Health Assessment for Forensic Nurses</td>
<td>3</td>
</tr>
<tr>
<td>NU-543</td>
<td>Diagnosis and Treatment of Psychopathology ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-577</td>
<td>Forensic Pathology ¹</td>
<td>3</td>
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Forensic Nursing Specialty (9 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-575</td>
<td>Issues in Forensic Nursing ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-576</td>
<td>Interpersonal Violence ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-578P</td>
<td>Forensic Nursing Practicum</td>
<td>2</td>
</tr>
<tr>
<td>NU-578S</td>
<td>Forensic Nursing Seminar ¹</td>
<td>1</td>
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</tbody>
</table>

Select one of the following:
- NU-SANE Sexual Assault Nurse Examiner
- Medicolegal Death Investigation college level course
- Continuing Education course of at least 40 hours

Total Credits 24

¹ Must be passed with a grade of "B" or better

Adult-Gerontological Primary Care Nurse Practitioner Post-Master's Certificate (NU.APN.A.PM.C)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology ²</td>
<td>3</td>
</tr>
<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice ²</td>
<td>3</td>
</tr>
<tr>
<td>NU-535</td>
<td>Advanced Health Assessment ²</td>
<td>3</td>
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</tbody>
</table>

APN Core (9 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-541</td>
<td>Primary Care ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-542</td>
<td>Primary Care Laboratory ¹</td>
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Clinical Specialty - Adult (14 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NU-621</td>
<td>Advanced Practice Nursing I: Adult Gerontology ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-622P</td>
<td>Advanced Practice Nursing Practicum I: Adult-Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>NU-622S</td>
<td>Advanced Practice Nursing Seminar I: Adult Gerontology ¹</td>
<td>1</td>
</tr>
<tr>
<td>NU-623</td>
<td>Advanced Practice Nursing II: Adult Gerontology ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-624P</td>
<td>Advanced Practice Nursing Practicum: Adult Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>NU-624S</td>
<td>Advanced Practice Nursing Seminar II: Adult Gerontology ¹</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Credits 27

¹ Must be passed with a grade of "B" or better
² May be waived if the student has completed equivalent courses at the graduate level with a grade of "B" (3.0) or better

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 GPA.
2. A current New Jersey RN license, a year of experience as a registered nurse, and proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.

Adult-Gerontological Primary Care Nurse Practitioner Post-Master's Certificate (NU.APN.A.PM.C)

<table>
<thead>
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<tbody>
<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology ²</td>
<td>3</td>
</tr>
<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice ²</td>
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<td>NU-535</td>
<td>Advanced Health Assessment ²</td>
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APN Core (9 credits)

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<tr>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-541</td>
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<td>3</td>
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<tr>
<td>NU-542</td>
<td>Primary Care Laboratory ¹</td>
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Clinical Specialty - Adult (14 credits)

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-621</td>
<td>Advanced Practice Nursing I: Adult Gerontology ¹</td>
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<tr>
<td>NU-622P</td>
<td>Advanced Practice Nursing Practicum I: Adult-Gerontology</td>
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<tr>
<td>NU-622S</td>
<td>Advanced Practice Nursing Seminar I: Adult Gerontology ¹</td>
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<tr>
<td>NU-623</td>
<td>Advanced Practice Nursing II: Adult Gerontology ¹</td>
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<td>Advanced Practice Nursing Practicum: Adult Gerontology</td>
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<tr>
<td>NU-624S</td>
<td>Advanced Practice Nursing Seminar II: Adult Gerontology ¹</td>
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</tbody>
</table>

Total Credits 27

¹ Must be passed with a grade of "B" or better
² May be waived if the student has completed equivalent courses at the graduate level with a grade of "B" (3.0) or better

Admission Requirements

1. Possession of a baccalaureate degree with a 3.0 GPA and a master's degree in nursing.
2. A current New Jersey RN license, a year of experience as a registered nurse, and proof of a current $1,000,000 to $3,000,000 liability and malpractice policy. A year of experience in the enrolled specialty track is required to begin the clinical specialty practicum.
3. A personal statement (one or two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director's discretion for the nursing practitioner tracks.) This requirement does not apply to the Nursing Administration concentration.
6. Résumé.
### Family Nurse Practitioner Post-Master's Certificate (NU.APN.F.PM.C)

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<th>Title</th>
<th>Credits</th>
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<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology</td>
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<td>NU-524</td>
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<td>3</td>
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<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
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**APN Core (9 credits)**

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**APN Concentration (7 credits)**

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<td>NU-541</td>
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<td>Primary Care Laboratory</td>
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<tr>
<td>NU-635</td>
<td>Advanced Practice Nursing Pediatrics</td>
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<td>NU-635P</td>
<td>Advanced Practice Nursing Pediatrics Practicum</td>
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**Clinical Specialty - Family (14 credits)**

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<tbody>
<tr>
<td>NU-669</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents</td>
<td>3</td>
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<tr>
<td>NU-670P</td>
<td>Psychiatric Mental Health Nurse Practitioner Nursing I: Practice with Children and Adolescents Practicum</td>
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<td>NU-670S</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents Seminar</td>
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<tr>
<td>NU-671</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing II: Psychopharmacology and Introduction to Therapy</td>
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<td>NU-672P</td>
<td>Advanced Practice Psychiatric/ Mental Health Nursing Practicum II</td>
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<td>Advanced Practice Psychiatric/Mental Health Nursing Seminar II</td>
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<td>NU-673</td>
<td>Advanced Practice Psychiatric/ Mental Health Nursing III</td>
<td>3</td>
</tr>
<tr>
<td>NU-674P</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing Practicum III</td>
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<tr>
<td>NU-674S</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing Seminar III</td>
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**Total Credits**: 30

1. Must be passed with a grade of "B" or better
2. May be waived if the student has completed equivalent courses at the graduate level with a grade of "B" (3.0) or better

### Admission Requirements

1. Possession of a baccalaureate degree with a 3.0 GPA and a master's degree in nursing.
2. A current New Jersey RN license, a year of experience as a registered nurse and proof of a current $1,000,000 to $3,000,000 liability and malpractice policy. A year of experience in the enrolled specialty track is required to begin the clinical specialty practicum.
3. A personal statement (one or two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director's discretion for the nursing practitioner tracks.) This requirement does not apply to the Nursing Administration concentration.
6. Résumé.

### Psychiatric and Mental Health Nurse Practitioner Post-Master's Certificate (NU.PSYC.PM.C)

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology</td>
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<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
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**APN Core (9 credits)**

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<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology</td>
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<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
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**APN Concentration (4 credits)**

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<tr>
<td>NU-543</td>
<td>Diagnosis and Treatment of Psychopathology</td>
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<tr>
<td>NU-544</td>
<td>Diagnosis and Treatment of Psychopathology Clinical Laboratory</td>
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**Clinical Specialty (20 credits)**

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<td>NU-669</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents</td>
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<td>NU-670P</td>
<td>Psychiatric Mental Health Nurse Practitioner Nursing I: Practice with Children and Adolescents Practicum</td>
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<tr>
<td>NU-670S</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents Seminar</td>
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<tr>
<td>NU-671</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing II: Psychopharmacology and Introduction to Therapy</td>
<td>3</td>
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<tr>
<td>NU-672P</td>
<td>Advanced Practice Psychiatric/ Mental Health Nursing Practicum II</td>
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<td>NU-672S</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing Seminar II</td>
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<td>Advanced Practice Psychiatric/Mental Health Nursing Practicum III</td>
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<tr>
<td>NU-674S</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing Seminar III</td>
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**Total Credits**: 33

1. Must be passed with a grade of "B" or better
2. May be waived if the student has completed equivalent courses at the graduate level with a grade of "B" (3.0) or better

### Admission Requirements

1. Possession of a baccalaureate degree with a 3.0 GPA and a master's degree in nursing.
2. A current New Jersey RN license, a year of experience as a registered nurse and proof of a current $1,000,000 to $3,000,000 liability and malpractice policy. A year of experience in the enrolled specialty track is required to begin the clinical specialty practicum.
3. A personal statement (one or two pages) outlining professional goals.
4. Two letters of recommendation.
5. A college-level course in health assessment. (An appropriate continuing education course may be substituted at the program director's discretion for the nursing practitioner tracks.) This requirement does not apply to the Nursing Administration concentration.
School Nursing Graduate Endorsement (END.NU.GR.SC)

6. Résumé.

School Nursing Graduate Endorsement (END.NU.GR.SC)

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<td>NU-535</td>
<td>Advanced Health Assessment</td>
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<td>NU-584</td>
<td>Curriculum and Instruction in Health Education</td>
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<td>NU-585</td>
<td>School Nursing I</td>
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<tr>
<td>NU-586</td>
<td>School Nursing II</td>
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<td>Seminar: School Nurse I</td>
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<td>NU-588P</td>
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1 Must be passed with a grade of "B" or better.

Note:

Students without a BSN may need to complete undergraduate credits in foundation nursing courses.

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 GPA.
2. A current New Jersey RN license, a year of experience as a registered nurse, and proof of a current $1,000,000 to $3,000,000 liability and malpractice policy.

School Nursing Non-Instructional Graduate Endorsement (END.NU.GR.SCNI)

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<td>NU-585</td>
<td>School Nursing I</td>
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<td>NU-586</td>
<td>School Nursing II</td>
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<td>NU-587P</td>
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1 Must be passed with a grade of "B" or better.

Note:

Students without a BSN may need to complete undergraduate credits in foundation nursing courses.
Occupational Therapy

Chair: John R. Patro Jr., OTD, OTR/L

Mission Statement of the Occupational Therapy Program

The Occupational Therapy Program seeks to develop occupational therapists as transformational leaders, scholars, and advocates, through innovative teaching, immersive experiential learning and dynamic interprofessional community partnerships prepared to meet the needs of diverse people, populations, and communities.

Philosophy of the Occupational Therapy Program

Occupations, as defined by the American Occupational Therapy Association (AOTA) (2017), are “activities that bring meaning to the daily lives of individuals, families, communities, and populations and enable them to participate in society.” Human beings have the innate need and right to engage in occupations across the lifespan. Development, health, and well-being are directly influenced by the ability to participate in meaningful occupations. Therefore, the OTD Program at Monmouth University places occupation at the heart of the curriculum design.

The OTD Program at Monmouth University focuses on five core values, with occupation nestled at the heart. These values include: scholarship and service, interprofessional practice and wellness, communication and dissemination of knowledge, leadership and advocacy, and creativity and innovation. As a graduate program, the curriculum is designed for the adult learner, viewed through the lens of andragogy with an emphasis on self-directed learning. Students in the program are viewed as occupational beings who are participating in transformative learning in a dynamic transaction within the learning context and the teaching-learning process. The OTD program at Monmouth believes that learning is a transformative process. Therefore, the program is designed to provoke critical reflection and discourse to invoke change (Mezirow, 2000).

The OTD program at Monmouth will transform learners into entry-level clinicians who have mastered the aptitude for using occupations in client-centered treatment to foster health and well-being.

Curricular Themes

The curriculum design of the OTD program at Monmouth University places occupation at the core of the curriculum, as it is the heart of the profession of occupational therapy. This coincides with the philosophical base of occupational therapy (AOTA, 2017). The curriculum is designed with five main themes that are woven throughout the delivery of the program. These themes are covered in various courses throughout the program and are essential to developing well-rounded entry-level occupational therapists who are prepared to meet the demands of an evolving practice environment. These themes are:

1. Scholarship and Service
2. Interprofessional Practice and Wellness
3. Communication and Dissemination of Knowledge
4. Leadership and Advocacy
5. Creativity and Innovation

References


Accreditation

For details regarding program accreditation please click the following link (p. 12)

Programs

Doctorate:

- Occupational Therapy Doctorate (Effective Fall, 2021) (p. 222)

Faculty

Andrea Garcia, Specialist Professor.
Doctoral Capstone Coordinator. B.S., Elizabethtown College; M.S.W., Rutgers State University; OTD, University of Kansas. Integrative and holistic health, psychosocial aspects of physical rehabilitation, upper extremity rehabilitation, evidence based teaching.
agarcia@monmouth.edu

Gabrielle Hackenberg, Specialist Professor.
Academic Fieldwork Coordinator. B.S.; M.S., Elizabethtown College; OTD, Thomas Jefferson University. Fieldwork and professional behaviors, geriatric practice, home care, acute care, sub-acute rehabilitation.
ghackenb@monmouth.edu

John Patro, Associate Professor and Chair (Graduate Faculty). B.S.; M.S., University of Scranton; OTD, Chatham University. Certified Physical Agent Modalities; CarFit training. Scholarship of teaching and learning, cultural competency and international practice, interprofessional education, leadership, adult/older adult practice.
jpatro@monmouth.edu

Courses

OTD-501 Occupation and Adaptation Across the Lifespan Credits: 3
Co-requisite(s): OTD-501L
Term Offered: All Terms
Course Type(s): None
This first semester lecture and lab course provides the students with an understanding of the historical foundation of the profession of occupational therapy, focusing on philosophical assumptions, and core concepts of the profession. This course is designed to introduce students to the Occupational Therapy Practice process and introduces The Occupational Therapy Practice Framework: Domain & Process (OTPF) 3rd edition (AOTA, 2014), an official document for the profession. Through interactive teaching, peer instruction and participatory activities, students investigate the complexities of occupation as the foundation of the practice of occupational therapy. The course provides the students with an opportunity for interactive, dynamic, hands on activities to develop an understanding of occupation, activity analysis, evaluation of ADLs/IADL and professional documentation.
OTD-501L  Occupation and Adaptation Across the Lifespan Lab  
Credit: None
Co-requisite(s): OTD-501
Term Offered: All Terms
Course Type(s): None
Lab for OTD 501. This is a pass/fail course.

OTD-502  The Neuroscience of Occupational Performance  
Credit: 3
Co-requisite(s): OTD-501, OTD-501L, and OTD-502L
Term Offered: All Terms
Course Type(s): None
The anatomy and physiology of the human nervous system are introduced with emphasis on understanding the neural basis of sensory processing, movement, emotion, and behavior, as well as the functional consequences of different types of lesions or dysfunction. Topics include neuroanatomy, development of the nervous system, function of central, peripheral, limbic, and autonomic nervous systems, motor control, sensation (vision, hearing, vestibular, somatosensation) and cognition and how lesions within these areas can interfere with occupational performance. Typical neurological pathologies and injuries will be discussed in regards to their relation to affected neurological structures and how they manifest into performance deficits of clients. Laboratory sessions are focused on exploring anatomical structures of the human brain and introducing neurological assessments used in occupational therapy practice.

OTD-502L  The Neuroscience of Occupational Performance Laboratory  
Credit: None
Co-requisite(s): OTD-502
Term Offered: All Terms
Course Type(s): None
Lab for OTD-502. This is a pass/fail course.

OTD-503  Professional Seminar  
Credit: 1
Term Offered: All Terms
Course Type(s): OLS
This course is an introduction to fieldwork for the students in the OT program. Students will be introduced to this topic through the study of professional behaviors and review of skills necessary to be successful in both Level I experiences and Level II fieldworks.

OTD-504  Research for Evidence-Based Practice  
Credit: 2
Prerequisite(s): OTD-501, OTD-502, and OTD-503
Term Offered: All Terms
Course Type(s): None
In this course students will engage in a process to deconstruct published research from many health sciences disciplines to identify the most appropriate evidence-based practice in Occupational Therapy settings. Instructional and assessment techniques include asynchronous and synchronous virtual lectures, hands-on practice, discussions as well as quizzes, tests and a paper to summarize research including the determination of a clinical bottom line.

OTD-505  Principles of Practice I: Therapeutic Use of Self and Group Dynamics  
Credit: 4
Prerequisite(s): OTD-501, OTD-502, and OTD-503
Co-requisite(s): OTD-505L and OTD-505F
Term Offered: All Terms
Course Type(s): None
This is the first course in the 4-part Principles of Practice series that will prepare students for entry-level practice. This course will introduce students to the concept of therapeutic use of self and emphasize its importance in the development of therapeutic rapport and the occupational therapist’s ability to carry out the OT process. Students will develop an understanding of the therapeutic use of self in the process of conducting client interviews. In addition, students will be able to apply this skill to the role of facilitator and the use of groups as an intervention strategy. Students will also explore concepts of group dynamics and understand the effects on the ability for a group or population to achieve expected outcomes. The course will discuss social determinants and other contextual factors that may impact overall health and quality of life for groups, populations, or communities. Students will use this information to analyze the needs of specific populations in order to design and construct group-based interventions that will improve engagement and participation. Didactic coursework is coupled with Level I experiences to enhance student learning. Experiences may include simulated environments, standardized patients, faculty practice, faculty-led site visits and/or, supervision by a fieldwork educator in a practice environment.

OTD-505L  Principles of Practice I Laboratory: Therapeutic Use of Self and Group Dynamics  
Credit: None
Co-requisite(s): OTD-505 and OTD-505L
Term Offered: All Terms
Course Type(s): None
Fieldwork for OTD-505. This is a pass/fail course.

OTD-505F  Principles of Practice I: Fieldwork Therapeutic Use of Self and Group Dynamics  
Credit: None
Prerequisite(s): OTD-505 and OTD-505F
Term Offered: All Terms
Course Type(s): None
Fieldwork for OTD-505. This is a pass/fail course.

OTD-506  Movement in Occupation  
Credit: 3
Prerequisite(s): OTD-501, OTD-502, and OTD-503
Co-requisite(s): OTD-506L
Term Offered: All Terms
Course Type(s): None
This course supports the student’s development of foundational knowledge of occupational performance and human movement necessary for subsequent assessment and intervention courses. Additionally, biomechanical principles of joint and muscle structure and function will be applied to occupational performance. Students will learn assessments and techniques most commonly used in occupational therapy practice including goniometry of range of motion (ROM), and manual muscle testing (MMT) while employing logical thinking, critical analysis, problem solving, and creativity in order to analyze and adapt occupations and activities to promote participation. The dynamics of occupation and activity, including the interaction of areas of occupation, performance skills, performance patterns, activity demands, context(s), and client factors will be explored. Lab sessions will consist of analysis, observation and measurement of movement through knowledge of body structures and function. Emphasis will be placed on understanding how occupational performance during function and movement is affected by biomechanics, joint structure, and muscle function.
OTD-506L  Movement in Occupation Laboratory  
Co-requisite(s): OTD-506  
Term Offered: All Terms  
Course Type(s): None  
Lab for OTD-506. This is a pass/fail course.

OTD-507  Clinical Medicine  
Prerequisite(s): OTD-501, OTD-502, and OTD-503  
Term Offered: All Terms  
Course Type(s): None  
General medicine diagnoses that are leading cause of disability in children, adolescents, adults, and older adults are defined and described. Etiology, signs, symptoms, clinical course, medical management, morbidity, and prognosis are reviewed. The influence of medical pathology on activities of daily living and routines, and social participation is examined.

OTD-508  Ethics, Professional Communication and Advocacy  
Prerequisite(s): OTD-501, OTD-502, and OTD-503  
Term Offered: All Terms  
Course Type(s): None  
This course examines advocacy methods at both the individual and systems levels. Informed by social teaching, this course then applies ethical decision-making strategies towards creating a more just society supporting occupational participation. You will learn to advocate for the community at large within the systems that support or influence occupational participation, the profession of occupational therapy, and the consumers of occupational therapy services.

OTD-509  Community Practice: Health Promotion and Wellness  
Prerequisite(s): OTD-501, OTD-502, and OTD-503  
Term Offered: All Terms  
Course Type(s): None  
Concepts from occupational therapy, nutrition, pharmacology, and biopsychosocial sciences are used to critically examine the determinants of health, wellness, and illness across the lifespan. Environmental, sociocultural, and economic factors that influence health care practices are emphasized, as well as the collaborative relationship that exists between the patient and the occupational therapist in this process. Strategies of health promotion and primary prevention for individuals and for healthy populations are explored.

OTD-510  Population Health  
Prerequisite(s): OTD-501, OTD-502, and OTD-503  
Co-requisite(s): OTD-509  
Term Offered: All Terms  
Course Type(s): None  
Introduces and extends the analytical framework provided by contemporary models of community health and community Health Assessment to explore how health outcomes for populations are influenced by social, economic, environmental, behavioral and political factors. Students will design programming to address population health needs, including population health program objectives, interventions and outcomes measurement.

OTD-511  Principles of Practice II: Psychosocial Occupational Therapy  
Prerequisite(s): OTD-504, OTD-505, OTD-506, OTD-507, OTD-508, OTD-509, and OTD-510  
Co-requisite(s): OTD-512 and OTD-513  
Term Offered: All Terms  
Course Type(s): None  
This course will familiarize students with the practice area of psychosocial rehabilitation and the application of the occupational therapy process with individuals across the life span who experience psychosocial impairment and/or formal psychiatric diagnosis. Through the use of case-based competencies the course will evaluate students’ ability to identify and apply appropriate evaluation and intervention methods associated with the practice area and learned within the context of the course. Students will come to understand the various practice settings and service delivery models associated with this area of practice from traditional to emerging. Additionally, students will discuss the variations in the occupational therapist’s role along with the roles of other interdisciplinary team members in each of these settings. The course will explore the "lived experience" and contextual factors of individuals, populations, and communities effected by psychiatric conditions allowing students to understand the unique impacts of associated occupational performance deficits. Didactic coursework is coupled with Level I experiences to enhance student learning. Experiences may include simulated environments, standardized patients, faculty practice, faculty-led site visits and/or, supervision by a fieldwork educator in a practice environment.

OTD-511F  Principles of Practice II: Psychosocial Occupational Therapy Fieldwork  
Co-requisite(s): OTD-511 and OTD-511L  
Term Offered: All Terms  
Course Type(s): None  
Fieldwork for OTD-511. This is a pass/fail course.

OTD-511L  Principles of Practice II: Psychosocial Occupational Therapy Laboratory  
Co-requisite(s): OTD-511 and OTD-511F  
Term Offered: All Terms  
Course Type(s): None  
Lab for OTD-511. This is a pass/fail course.

OTD-512  Cognition Across the Lifespan  
Prerequisite(s): OTD-505  
Co-requisite(s): OTD-511, OTD-512L, and OTD-513  
Term Offered: All Terms  
Course Type(s): None  
The course delineates and describes cognition as a fundamental component of all purposeful activity. During the course of the semester, we will discuss many different aspects of cognition: perception, attention, memory, language, concepts, reasoning, problem-solving, expertise, creativity, and decision making. The emphasis in the course will be on how occupational therapists have used evidence-based to develop assessments and interventions to understand human functional capacity and ability to function.

OTD-512L  Cognition Across the Lifespan Laboratory  
Co-requisite(s): OTD-512  
Term Offered: All Terms  
Course Type(s): None  
Lab for OTD-512. This is a pass/fail course.
OTD-513  Contemporary Social Issues in Practice, Justice and Occupation  Credits: 2
Prerequisite(s): OTD-509 and OTD-510
Co-requisite(s): OTD-511 and OTD-512
Term Offered: All Terms
Course Type(s): None
The course delineates and describes cognition as a fundamental component of all purposeful activity. During the course of the semester, we will discuss many different aspects of cognition: perception, attention, memory, language, concepts, reasoning, problem-solving, expertise, creativity, and decision making. The emphasis in the course will be on how occupational therapists have used evidence-based to develop assessments and interventions to understand human functional capacity and ability to function.

OTD-514  Quantitative Methods in Occupational Therapy Research  Credits: 2
Prerequisite(s): OTD-504
Co-requisite(s): OTD-511, OTD-512, and OTD-513
Term Offered: All Terms
Course Type(s): None
In this course students will design and perform statistical functions necessary to analyze data used in sound and ethical evidence-based research. Instructional and assessment techniques include asynchronous and synchronous virtual lectures, practice performing statistical functions on existing datasets, discussions as well as quizzes, tests and a series of data tables describing the results and analysis of a research prospectus.

OTD-515  Sensory Modulation Across the Lifespan  Credits: 1
Prerequisite(s): OTD-502
Co-requisite(s): OTD-511, OTD-512, OTD-513, and OTD-514
Course Type(s): None
This lab-based course will introduce students to the concepts of sensory processing, sensory modulation, trauma and attachment informed care, and restraint reduction models. Students will develop an understanding of the theoretical constructs rooted in neuroscience that inform this approach to client care. Students will explore how sensory processing effects the occupational performance of individuals across the lifespan and be able to identify and apply appropriate assessment methods and interventions to address those performance deficits.

OTD-516  Qualitative and Mixed Methods in Occupational Therapy  Credits: 2
Prerequisite(s): OTD-504
Co-requisite(s): OTD-511, OTD-512, and OTD-513
Course Type(s): HY
In this course students will use narrative and statistical methods to describe the design of research project studying evidence-based practice. Instructional and assessment techniques include asynchronous and synchronous virtual lectures, hands-on practice, discussions as well as quizzes, tests and a paper describing the design of a research prospectus.

OTD-517  Mindful Practice and Wellness I  Credits: 1
Prerequisite(s): OTD-505
Co-requisite(s): OTD-511, OTD-512, OTD-513, and OTD-517L
Term Offered: All Terms
Course Type(s): None
This course provides the tools to support occupational therapy professionals build mindful practices in everyday work environments. Exploration and learning related to key concepts of mindfulness, reflective practice, resiliency for personal and professional life satisfaction. Emphasis will be on creating practical strategies to support the students' overall success and wellness in the program and in transition from student to practitioner.

OTD-601  Principles of Practice III: Adult Occupational Therapy  Credits: 4
Prerequisite(s): OTD-511, OTD-512, and OTD-513
Co-requisite(s): OTD-602 and OTD-603
Course Type(s): HY
This course builds on the foundational principles to prepare students to develop and implement evidenced-based, and client-centered intervention, related to areas of occupation for a variety of clients and diagnoses, along the continuum of practice settings. Lab experiences will promote critical analysis and facilitate growth of a clinical skill set. Case-based learning will be used to promote clinical and ethical reasoning to determine the appropriate intervention approach for a particular client. Competency in entry-level intervention skills are emphasized throughout the course. Didactic coursework is coupled with Level I experiences to enhance student learning. Experiences may include simulated environments, standardized patients, faculty practice, faculty-led site visits and/or, supervision by a fieldwork educator in a practice environment.

OTD-602  Current Issues in Practice: Adulthood and Aging  Credits: 2
Prerequisite(s): OTD-511, OTD-512, and OTD-513
Co-requisite(s): OTD-601 and OTD-603
Course Type(s): HY
The focus of this course is on the largest growing demographic group in this century older adults. Students will explore a range of geriatric practice settings and service delivery models. Students will apply evidence-based theories, models, and frames of reference that shape occupational therapy evaluation for older adults. This course will address the complex physical, psychosocial, and contextual barriers to occupational performance for older adults. Students will examine primary conditions encountered, and learn how to evaluate the subsequent effects on an individual's occupational performance using a wide variety of assessment tools. Evidence-based practice and ethical decision-making will be emphasized throughout this course.

OTD-603  Community Living Supports  Credits: 2
Prerequisite(s): OTD-511, OTD-512, and OTD-513
Co-requisite(s): OTD-601 and OTD-602
Course Type(s): HY
Assistive technology (AT) devices and services and accessibility interventions have the potential to impact the lives of persons with disabilities, resulting in increased independence and participation in their daily occupations. This course will focus on learning about the various types of assistive technology devices and services including but not limited to "evaluation and assessment, selection and training, procurement, legislation and funding". It will also address different accessibility interventions in home, community, school, and education practice. Students will gain an understanding of these applications as they pertain to the communication, learning and environmental issues for persons with disabilities.
OTD-604  Occupation and Upper Extremity Rehabilitation  
Prerequisite(s): OTD-511, OTD-512, and OTD-513  
Co-requisite(s): OTD-601 and OTD-602  
Course Type(s): HY  
This course provides students with the theoretical basis and practical applications of upper limb rehabilitation for practicing therapists. Students will learn occupation-based evaluation and intervention for individuals with acute and chronic upper extremity disorders. This includes principles of static and dynamic splinting which will be used by students to fabricate and design orthotics and splints. Students will learn effective orthotic approaches that incorporate anatomical, medical, and biophysical information with specific psychomotor skills. In addition to splinting, students will learn upper limb rehabilitation treatment practices for scapular manipulation, rotator cuff pathologies, tendon or nerve injuries, scar management, and wound healing.

OTD-605  Principles of Practice IV: Pediatric Occupational Therapy  
Prerequisite(s): OTD-601, OTD-602, OTD-603, and OTD-604  
Co-requisite(s): OTD-606 and OTD-607  
Course Type(s): HY  
This course integrates evidence and theory in contemporary applications of occupational therapy in multiple pediatric/adolescent service delivery models. Lab experiences will promote critical analysis and facilitate the growth of a clinical skill set. Case-based learning will be used to promote clinical and ethical reasoning to determine the appropriate intervention approach for a particular client. Cases will include increasingly complex psychosocial, physical, and contextual barriers to occupational performance for children and adolescents. A significant emphasis is put on evaluation, intervention, outcomes, and documentation related to the various cases presented. Competency in entry-level intervention skills, evidence-based practice, clinical reasoning, and ethical decision making will be emphasized throughout the course. Didactic coursework is coupled with Level I experiences to enhance student learning. Experiences may include simulated environments, standardized patients, faculty practice, faculty-led site visits and/or, supervision by a fieldwork educator in a practice environment.

OTD-605F  Principles of Practice IV: Pediatric Occupational Therapy Fieldwork  
Co-requisite(s): OTD-605 and OTD-605L  
Term Offered: All Terms  
Course Type(s): None  
Fieldwork for OTD-605. This is a pass/fail course.

OTD-605L  Principles of Practice IV: Pediatric Occupational Therapy Laboratory  
Term Offered: All Terms  
Course Type(s): None  
Lab for OTD-605. This is a pass/fail course.

OTD-606  Contemporary Issues: School-Based Consultation and Intervention  
Prerequisite(s): OTD-601, OTD-602, OTD-603, and OTD-604  
Co-requisite(s): OTD-605 and OTD-607  
Course Type(s): HY  
This course is designed to provide in-depth learning experiences to foster occupational therapy practice in schools for children with disabilities. Contemporary topics in early intervention, Response to Intervention (RTI), access to the general education curriculum, high school transition, technology, legal issues and advocacy will be included. Course content includes case studies, case studies, hands-on assessment experience, curriculum activity analysis, examination of scientific evidence and intervention strategies in school-based practice.

OTD-607  Management and Supervision of Occupational Therapy Services  
Prerequisite(s): OTD-601, OTD-602, OTD-603, and OTD-604  
Co-requisite(s): OTD-605 and OTD-607  
Course Type(s): HY  
The principles of management in the provision of occupational therapy services will be considered in depth, including the principles of organizing, planning, directing, leading, budgeting and communicating. A variety of systems and models will be examined in relation to the marketing and delivery of occupational therapy services. Workplace professionalism, including reliability and competence will also be addressed.

OTD-608  Mindfulness Practice and Wellness II  
Prerequisite(s): OTD-517  
Co-requisite(s): OTD-605, OTD-606, and OTD-607  
Course Type(s): HY  
Building off previous knowledge gained, this course provides the tools to support occupational therapy professionals build mindful practices in everyday work environments. Continued exploration and learning related to key concepts of mindfulness, reflective practice, resiliency for personal and professional life satisfaction will occur. Emphasis will be on implementing and refining practical strategies to support overall wellness in the transition from student to practitioner.

OTD-609  Mentored Scholarship  
Prerequisite(s): OTD-514 and OTD-516  
Co-requisite(s): OTD-605, OTD-606, and OTD-607  
Course Type(s): HY  
In this course students will work with a faculty mentor to begin designing a sound and ethical evidence-based capstone project. Instructional and assessment techniques include asynchronous and synchronous virtual lectures, practice writing research components (research question, problem, purpose and gap in practice), discussions, as well as writing a research prospectus that includes an introduction, methods, results, analysis and discussion sections.

OTD-610  Fieldwork Seminar  
Prerequisite(s): OTD-505, OTD-511, and OTD-601  
Co-requisite(s): OTD-605, OTD-606, and OTD-607  
Course Type(s): None  
Building off previous knowledge gained, this course provides the tools to support occupational therapy professionals build mindful practices in everyday work environments. Continued exploration and learning related to key concepts of mindfulness, reflective practice, resiliency for personal and professional life satisfaction will occur. Emphasis will be on implementing and refining practical strategies to support overall wellness in the transition from student to practitioner.

OTD-611  Professional Portfolio/ Capstone Project I  
Prerequisite(s): OTD-609  
Co-requisite(s): OTD-605, OTD-606, and OTD-607  
Course Type(s): HY, OL  
In this course students will build off of their work in OTD-609 where they identified a specific topic area for their capstone project. In this course, students will explore and examine literature to support their capstone project and produce a comprehensive literature review to inform their capstone project.
OTD-700A  Fieldwork Level IIA  Credits: 6
Prerequisite(s): OTD-610
Course Type(s): HY
Twelve weeks of supervised clinical experience applying occupational theory, skills and concepts in the delivery of occupational therapy services. Students will use the occupational therapy process while developing and practicing the skills of an entry-level OT. Students are assigned to a fieldwork site working with individuals with developmental, physical and/or psychosocial factors that influence occupational performance. By the end of the fieldwork experience, the student should demonstrate the attitudes and skills of an entry-level practitioner, including assumption of responsibility for independent learning. This is a pass/fail course.

OTD-700B  Fieldwork Level IIB  Credits: 6
Prerequisite(s): OTD-610
Course Type(s): HY
Twelve weeks of supervised clinical experience applying occupational theory, skills and concepts in the delivery of occupational therapy services. Students will use the occupational therapy process while developing and practicing the skills of an entry-level OT. Students are assigned to a fieldwork site working with individuals with developmental, physical and/or psychosocial factors that influence occupational performance. By the end of the fieldwork experience, the student should demonstrate the attitudes and skills of an entry-level practitioner, including assumption of responsibility for independent learning. This is a pass/fail course.

OTD-701  Professional Portfolio/Capstone Project II  Credits: 1
Prerequisite(s): OTD-611
Co-requisite(s): OTD-702 and OTD-703
Course Type(s): OL, HY
The focus of this course is to build off of work completed in OTD-611 where students established the foundation of their capstone project. Students will select their method for capstone project implementation and data collection. Students will be required to submit their capstone project proposal and receive approval from the faculty.

OTD-702  Doctoral Practice in Occupational Therapy  Credits: 2
Prerequisite(s): OTD-700A and OTD-700B
Co-requisite(s): OTD-701 and OTD-703
Course Type(s): HY
In this course students develop a model of practice or intervention that addresses "best practice" for practitioners working in any of the following: school-based, long-term care, acute care, community, wellness, education, etc. This course will set doctoral students apart from generalist practitioners as they will use business or education models to develop best practices. Students can focus on traditional practice settings or emerging practice settings to develop a model or intervention that will promote both functional outcomes for clients as well as pragmatic or financial outcomes for the setting they choose.

OTD-703  Quality Improvement in Occupational Therapy Service Delivery  Credits: 3
Prerequisite(s): OTD-700A and OTD-700B
Co-requisite(s): OTD-701 and OTD-702
Course Type(s): HY
This course will introduce students to concepts in quality improvement and the current post-acute healthcare environment that is creating a culture of quality and value-based purchasing. Students will understand the components of a quality indicator, including both process and outcome indicators. Students will reflect on how the field of healthcare generally, and their own practice specifically, can benefit from defining and monitoring quality. The course will also consider how to develop and validate quality indicators and implement quality improvement projects, exploring the connection with evidence-based practice. Students will learn how to track and monitor quality improvement projects.

OTD-704  Advance Practice in OT: Borders and Barriers  Credits: 2
Prerequisite(s): OTD-701, OTD-702, and OTD-703
Co-requisite(s): OTD-705 and OTD-706
Course Type(s): HY
This advanced course focus is on exploring present and pressing issues within Occupational Therapy practice. Additionally, the students embark on a journey to explore the World Health Organization-International Classification of Functioning, Disability and Health and the Occupational Therapy Framework to deepen students' ability to critically analyze and discern how the meaning found in human occupations influences health and well-being and drive client-centered treatment. The course will focus on payment systems and its relationship to quality of care and students will discuss market trends and change facilitators. All emerging practice areas are discussed, including primary care, to explore the role of OT and develop strategies to promote the value of OT in contexts explored.

OTD-705  Advanced Leadership in Occupational Therapy  Credits: 3
Prerequisite(s): OTD-701, OTD-702, and OTD-703
Co-requisite(s): OTD-704 and OTD-706
Course Type(s): HY
Based on their personal strengths, students will develop leadership skills for use in a variety of contexts. Students will analyze and synthesize occupational therapy's unique perspective and responsibility in occupational therapy leadership. Students will interact with professional leaders to integrate application of leadership concepts. Students will engage in tasks in preparation for their capstone project.

OTD-706  Academic Practice in Occupational Therapy  Credits: 2
Prerequisite(s): OTD-701, OTD-702, and OTD-703
Co-requisite(s): OTD-704 and OTD-705
Course Type(s): HY
This course will address the unique field of occupational therapy academia. Student will be exposed to concepts of adult learning theory and develop and implement skills to serve as an educator in the field of occupational therapy. Participants use evidence-based curriculum design theories to develop an educational program or curriculum. They will consider what will be taught, who will be taught, and how it will be taught. In a mission statement, they will define principles used to guide curriculum design, and related program goals and objectives.

OTD-707  Professional Portfolio/Capstone Project III  Credits: 1
Prerequisite(s): OTD-701
Co-requisite(s): OTD-704, OTD-705, and OTD-706
Course Type(s): HY
The focus of this course is to build off of work completed in OTD-611 and OTD-701. During this course, students will complete their IRB application and work to secure necessary IRB approvals in order to implement their capstone project in the following semester. This is a pass/fail course.
OTD-708 Entrepreneurship in Occupational Therapy
Prerequisite(s): OTD-701, OTD-702, and OTD-703
Co-requisite(s): OTD-704, OTD-705, and OTD-706
Course Type(s): HY
Students will learn how to use screening and feasibility tools to effectively conduct a business analysis to determine the worthiness of a potential new entrepreneurial venture. They will also complete a business plan including an executive summary, industry and market analysis, a marketing strategy and plan, operations plan, product/service development plan and company structure. Lastly, students will identify the financial requirements of a new business and develop pro forma financial statements (e.g. income statement, balance sheet, cash flow, etc.).

OTD-709 Pre-Doctoral Capstone Experience Seminar
Prerequisite(s): OTD-707 and OTD-708
Co-requisite(s): OTD-704, OTD-705, and OTD-706
Course Type(s): HY
The pre-doctoral capstone experience seminar will expose OTD students to self-selected areas of interest. The seminar in the OTD program offers students the opportunity to extend and refine knowledge acquired in the curriculum and utilize it meaningfully as a means of critically analyzing occupational therapy practice. Students will articulate a rationale for doctoral experiential site choice(s) that considers: (a) their own occupational interests and needs; (b) the opportunities, limitations, requirements and needs of particular practice environments; and (c) the potential contribution a professional prepared with an OTD degree might make to such environments. Emphasis will be placed on understanding the personal, communal and institutional/societal dimensions of professional development and on the appreciation of the critical balance between these three dimensions. Students will prepare a detailed plan of their capstone and a weekly outcome description in preparation for their capstone experience.

OTD-710 Decision Models and Financial Analysis in Occupational Therapy Practice
Prerequisite(s): OTD-701, OTD-702, and OTD-703
Co-requisite(s): OTD-704, OTD-705, and OTD-706
Course Type(s): HY
This course introduces the basic principles and techniques of applied mathematical modeling for managerial decision making. Students learn to use some of the more important analytic methods (e.g., spreadsheet modeling, optimization, Monte Carlo simulation) to recognize their assumptions and limitations and to employ them in decision making. Students learn to: develop mathematical models that can be used to improve decision making within an organization, sharpen their ability to structure problems and to perform logical analyses, translate descriptions of decision problems into formal models and investigate those models in an organized fashion, identify settings in which models can be used effectively, and apply modeling concepts in practical situations. Students also strengthen their computer skills, focusing on how to use the computer to support decision making. The emphasis is on model formulation and interpretation of results, not on mathematical theory. This course is aimed at students with little prior exposure to modeling and quantitative analysis, but it is appropriate for all students who wish to strengthen their quantitative skills. The emphasis is on models that are widely used in diverse industries and functional areas, including finance, operations, and marketing.

OTD-711 Doctoral Capstone Experience
Prerequisite(s): OTD-709
Co-requisite(s): OTD-712
Course Type(s): HY
Students pursuing a doctoral degree (OTD) are required to complete a fourteen-week Doctoral Experiential Component. The goal of this experiential component is to develop occupational therapists with advanced skills (those beyond a generalist level), and it is integral to acquiring deeper practice-scholar competencies as reflected in the program's curriculum design. In addition to patient care, opportunities to develop leadership skills include public speaking, participating in an interdisciplinary team, and program development. This 8-credit course provides an in-depth, customized capstone experience specific to the doctoral pursuit of the occupational therapy student, and the opportunity to extend and refine knowledge & skills acquired in the curriculum. Students may participate in learning experiences that include a focus on theory development, research, policy, advanced clinical practice, advocacy, teaching, administration, leadership, etc. This is a pass/fail course.

OTD-712 Professional Portfolio/ Capstone Project IV
Prerequisite(s): OTD-707
Co-requisite(s): OTD-711
Course Type(s): HY
In this course students will work with a faculty mentor to implement sound and ethical evidence-based capstone project during the completion of their doctoral capstone experience and disseminate their project through public presentation. The Capstone Project provides OTD students with an opportunity to actively integrate and apply their knowledge to the development, implementation, and analysis of an occupational therapy practice area. The broad goal of the scholarly project is to contribute to the occupational therapy body of evidence, support the program mission and goals, and bring improvement to the doctoral student’s current professional sphere of influence within the profession.

Technology

Technology Requirements
The OTD program requires students to have access to personal technology such as a laptop computer, tablet, or PC throughout the duration of the program as well as a working webcam during the hybrid/online courses. Students should reference our Campus Technology Website (https://www.monmouth.edu/technology/new-to-mu/recommended-hardware-and-software/) for detailed suggestions before purchase.

Technology Competency Requirements
The Monmouth OTD program requires completion of coursework in a predominantly traditional week day. However, there are a few courses that are delivered in hybrid/online format. Success in both the online and in person portions of the program requires students to have the ability to navigate the College’s learning management system (eCampus), manage electronic communications, utilize research and information databases, and apply software. Online courses may consist of a combination of scheduled synchronous and asynchronous learning activities; synchronous sessions will require use of the Zoom platform. In person courses will maximize the use of technology with no seat time reduction, using the eCampus learning management system for administration, communication, assessment and content delivery to both supplement and enhance the face to face experience. Prior to starting coursework, all students will be required to complete an online orientation
through eCampus that will prepare them to meet the technology requirements of the online portions of the program. Additionally, students will have ongoing access to the Help Desk (https://www.monmouth.edu/technology/support/) to manage questions or concerns with technology while in the program.

**Occupational Therapy Doctorate (OTD)**

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Total Credits 105

Please refer to Monmouth University's accreditation page (p. 12) in this catalog for details concerning the accreditation of this program.

**Post-Baccalaureate OTD Course Sequence**

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### Admission Requirements

Applicants are evaluated for admission based on academic preparation; quality of references; insightful goals in personal statement; successful completion of observation hours and academic prerequisites; work and service activities; Miller Analogies Test (MAT) or Graduate Record Exam (GRE) score.

**Admission Requirements:**

1. Bachelor's Degree - A bachelor's degree (or US equivalent) must be completed at the time of application or completed by the time the program begins at the end of May/beginning of June. A degree in any area of study will be accepted.
2. GPA - At least a 3.0 cumulative GPA as well as in the prerequisite courses. (Note: All completed courses will be used in the GPA calculated by OTCAS.)
3. Observation Hours* – 60 hours of observation in a minimum of two practice settings must be completed prior to admission to the program. Examples of settings are: adults, geriatrics, pediatric, wellness, LTC, hospitals, community centers, primary care, etc. An OT Observation Form will be provided to complete for each site observed.
4. Completion of Pre-requisites - Completion of all pre-requisites with a grade of B or better. Competitive applicants will have no more than two outstanding prerequisite courses, including courses in progress, at the time of application. Applicants with outstanding prerequisite courses that are not shown as "in progress" on the OTCAS application, must submit a Word document outlining the completion plan to ot@monmouth.edu. All incomplete prerequisite courses and observation hours must be completed by the time the program begins.
5. Quality References - Three references are required and can be from academic advisors, licensed occupational therapists, and/or work managers. At least one reference must be from a healthcare professional.
6. Criminal Background Check - Required of all admitted students. Must have prior to first day of class.
7. Technical Standards: Occupational Therapy Program Essential Skills and Standards Acknowledgement

Admission Requirements: International Students

- In addition to the admission requirements aforementioned, international applicants must be a permanent resident or eligible for an F-1 visa.
- Required English proficiency test - an official English proficiency score report meeting the University requirements is required for non-native English-speaking applicants in addition to the Miller Analogies Test (MAT). The required scores are found on the Graduate Application Requirements (https://www.monmouth.edu/graduate/application-requirements/) page of the Monmouth University Web site.
- International applicants must submit to OTCAS an official course-by-course transcript evaluation completed by one of the member organizations of the National Association of Credential Evaluation Services (NACES). Please visit NACES.org (http://naces.org/) for a list of those participating organizations. Note that each organization will have its own instructions on how to submit required documents for evaluation. The evaluation must also show that a bachelor's degree equivalent to one in the United States has been earned.

Pre-Requisites

- Anatomy & Physiology I with Lab: 4 cr
- Anatomy & Physiology II with Lab: 4 cr
- Lifespan or Human Development OR three courses to include Childhood, Adolescent and Adult Development OR courses that cover the Lifespan Development: 3 cr
- Cultural Ideas and/or Global Perspectives (any course in one of the following areas: world religions, gender studies, sociology, anthropology): 3 cr
- Abnormal Psychology: 3 cr
- Statistics: 3 cr
- English Composition or Technical Writing: 3 cr
- Ethics, Philosophy or Anthropology or Theology: 3 cr
- Medical Terminology: 1-3 cr

**All courses must be completed within five years of application to the program**

*UPDATED AS OF 10/2020: In response to the difficulties that applicants may encounter in completing their required observation hours, the Monmouth University OTD program will allow the following in lieu of completing the full 60 hour observation hour requirement:

1. Applicants should go to the following website: https://rise.articulate.com/share/oqbmWqPTs5TB36ai5R7DUMblwykJiY_Y#/ (https://rise.articulate.com/share/oqbmWqPTs5TB36ai5R7DUMblwykJiY_Y/#/)
2. When prompted, enter the password: LucasQU (case specific)
3. There are six modules that should be completed. The modules are PowerPoint presentations with embedded required readings and videos of occupational therapists in action in various settings across the lifespan.
4. For each module, there is an assignment (i.e. case study, reflection essay, etc.) for you to complete. These are located at the end of each PowerPoint prior to the references.
5. You should complete these assignments using the Online Shadowing Experience Form (https://www.monmouth.edu/graduate/wp-content/uploads/sites/345/2020/10/Monmouth-University-Occupational-Therapy-Online-Shadowing-Experience.pdf) with the title of the module included to indicate the assignment you are completing.
6. Once all of the assignments are complete, you will upload the document into OTCAS just like you would your other observation hour forms (if you have any complete).

Applicants who have completed some observation hours and have signed forms should submit those forms in addition to the module assignments. If an applicant has completed all 60 of the required observation hours, they DO NOT need to complete the alternative observation hour assignment above, and should solely submit the signed observation hour forms to OTCAS.

Physician Assistant Program

Director: Scott Richards, Ph.D.

Master of Science-Physician Assistant

The M.S. in Physician Assistant is a three-year, full-time, ninety-five-credit program that begins each fall. One class is admitted per year. The program is cohort-based, meaning that students have a predetermined course schedule each semester and move along in the program with the same group of peers. As a result, students are able to support each other and work and study in a community-like atmosphere. Classes are held at the Monmouth University Graduate Center in Monmouth Park Corporate Center.

At its March 2019 meeting, the Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) extended Accreditation-Probation status for the Monmouth University Physician Assistant Program sponsored by Monmouth University until its next review in March 2021.

Probation is a temporary status of accreditation conferred when a program does not meet the Standards and when the capability of the program to provide an acceptable educational experience for its students is threatened.

Once placed on probation, programs that still fail to comply with accreditation requirements in a timely manner, as specified by the ARC-PA, may be scheduled for a focused site visit and/or risk having their accreditation withdrawn.

Specific questions regarding the Program and its plans should be directed to the Program Director and/or the appropriate institutional official(s).

The mission of the Monmouth University physician assistant program is to educate physician assistants to provide compassionate, patient-centered, quality healthcare in a variety of settings. Program graduates will possess clinical skills to serve a diverse patient population and have the ability to advance the profession through leadership and research.

Our goals are to prepare physician assistants who:

- Function as high-quality physician assistants providing primary care in a variety of medical or surgical specialties.

The mission of the Monmouth University physician assistant program is to educate physician assistants to provide compassionate, patient-centered, quality healthcare in a variety of settings. Program graduates will possess clinical skills to serve a diverse patient population and have the ability to advance the profession through leadership and research.

Our goals are to prepare physician assistants who:

- Function as high-quality physician assistants providing primary care in a variety of medical or surgical specialties.
• Learn how to integrate critical thinking and clinical reasoning into an evidence-based approach to patient management.

• Understand the importance of delivering high-value, cost-conscious care while adding quality improvement to a practice setting.

• Develop professional skills in order to work as collaborative members of the healthcare team.

• Understand and respect diversity with interpersonal skills that allow effective communication with patients, their families, physicians, and other healthcare professionals.

• Develop an intellectual curiosity by engaging in critical evaluation of the practice of medicine through research and publishing.

The program consists of two phases: the didactic phase and the clinical phase. The didactic phase is forty-two weeks consisting of classroom and clinical skills laboratory instruction, with hospital and clinic experiences. The clinical phase consists of sixty weeks of clinical clerkships, in which students are assigned to preceptors at various hospitals and physician offices. Course descriptions are located in the course description section of this catalog. Please refer to the Admission section of this catalog for the admission requirements. Students must successfully complete all courses and clinical clerkships in order to be eligible to graduate from the program.

Upon acceptance to this program, students will be required to meet health and immunization requirements and complete a background check. More information can be found in the Physician Assistant Student Handbook, posted on our Web site. (http://www.monmouth.edu/pa/)

Courses

PHA-601 Human Anatomy Credits: 5
Term Offered: Fall Term
Course Type(s): None
Anatomy is a central focus of basic science education. During this course the student is introduced to gross anatomy presented by the regional approach. The student becomes familiar with the back, chest, upper extremity, abdomen, pelvis, lower extremity, neck, head, the central nervous system, and internal viscera. Instruction is primarily in lecture and lab format. However, atlases, computer programs, and other visual aids are available. Student performance is evaluated in both written and practical examinations.

PHA-602 Human Physiology Credits: 3
Term Offered: Fall Term
Course Type(s): None
Provides a basic understanding of human physiology while covering the processes of how the body functions. This lecture-based class will lead to an understanding of how the body responds to stimuli and how it maintains homeostasis while exposed to a varying environment.

PHA-603 Introduction to Patient Assessment Credits: 5
Term Offered: Fall Term
Course Type(s): None
Students will be introduced to basic history taking and physical examination techniques, psychosocial development and behavior, and the effective relationship between the physician assistant, other health professionals, and the patient. Techniques of physical examination and use of examining equipment are introduced. Students are assigned to preceptors for the purpose of taking complete histories and performing a complete physical examination on patients.

PHA-604 Behavioral Medicine Credits: 2
Term Offered: Fall Term
Course Type(s): None
Provides an overview of psychiatric concepts and an introductory approach to the evaluation of patients with behavioral issues. Includes a discussion of various psychiatric syndromes, with a review of causal factors and clinical presentation. Provides an overview of normal human behavior development over the life span. The impact that psychological problems have on the total health care of the patient will be emphasized.

PHA-606 Physical Diagnosis Credits: 4
Term Offered: Spring Term
Course Type(s): None
Continuation on the focus of Introduction to Patient Assessment on developing physical examination skills and the process of clinical data collection. Introduces the process of clinical reasoning and decision making. Attention will be provided to the recognition and appropriate description of common abnormal physical findings. Emphasis will be placed on the analysis and interpretation of clinical data that occurs during the process of formulating a differential diagnosis.

PHA-607 Diagnostic and Clinical Procedures Credits: 5
Term Offered: Spring Term
Course Type(s): None
Instruction in interpretation of and indications for clinical laboratory tests, electrocardiography, and diagnostic radiography. Identification and understanding of normal and abnormal results, and correlation with medical cases will be emphasized. The final exam emphasizes critical thinking with case-based analysis.
### PHA-608 Pharmacology for Physician Assistants
- **Credits:** 2
- **Co-requisite(s):** PHA-609
- **Term Offered:** Spring Term
- **Course Type(s):** None
- Covers the most common classes of medications and their use in a variety of medical conditions. The primary focus of this course is the mechanism of actions of these drug classes and a description of different types of drug-receptor interactions. This basic pharmacology course allows the physician assistant student to better understand the clinical use of drugs covered in Clinical Therapeutics (PHA-609).

### PHA-609 Clinical Therapeutics
- **Credits:** 2
- **Co-requisite(s):** PHA-608
- **Term Offered:** Spring Term
- **Course Type(s):** None
- Designed to demonstrate the practical application of pharmaceutical science as utilized for the formulation of drug therapy decisions.

### PHA-610 Pathophysiology
- **Credits:** 3
- **Term Offered:** Spring Term
- **Course Type(s):** None
- Focuses on the fundamentals of the pathologic changes that occur in different organs of the body. Gross and microscopic specimens are used to provide a clear understanding of the disease processes that affect the human body. Conducted as a lecture series that is supplemented by readings, lecture notes that will be emailed to the student, and a review of pathologic slides and specimens when appropriate. Provides an understanding of the pathologic process that leads to clinical signs and symptoms of diseases.

### PHA-612 Introduction to the Physician Assistant Profession
- **Credits:** 1
- **Term Offered:** Fall Term
- **Course Type(s):** None
- Introduces the student to the physician assistant profession and professional practice issues. Includes the history of the Physician Assistant profession, significance of the PA-physician team, professional organizations, professionalism, and professional development.

### PHA-615 Topics in Medicine and Surgery III
- **Credits:** 6
- **Prerequisite(s):** PHA-637 and PHA-638
- **Course Type(s):** None
- Topics in Medicine and Surgery III is the third in a series of three courses instructing students in clinical medicine presented in an organ systems format. The course builds upon the knowledge acquired in Topics in Medicine & Surgery II. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.

### PHA-616 Physiology & Pathophysiology I
- **Credits:** 3
- **Term Offered:** Fall Term
- **Course Type(s):** None
- This is the first of two courses providing students with in-depth study of medical physiology & pathophysiology. Physiology and Pathophysiology I is designed to offer foundational training in the principles of medical physiology and pathophysiology, in addition to more specific training pertaining to the organ systems covered in the course that, when possible, are aligned with the topics delivered in concomitant Topics in Clinical Medicine coursework. Together, the two courses provide a foundation in human physiology coupled with the in-depth study of pathophysiological processes that lead to clinical signs and symptoms of illness and diseases.

### PHA-617 Physiology and Pathophysiology II
- **Credits:** 3
- **Term Offered:** Spring Term
- **Course Type(s):** None
- This is the second of two courses providing students with in-depth study of medical physiology & pathophysiology. Physiology and Pathophysiology II builds on knowledge acquired in Physiology & Pathophysiology I to offer further training in the medical physiology, in addition to more specific training pertaining to the organ systems covered in the course that, when possible, are aligned with the topics delivered in concomitant Topics in Clinical Medicine coursework. Together, the two courses provide a foundation in human physiology coupled with the in-depth study of pathophysiological processes that lead to clinical signs and symptoms of illness and diseases.

### PHA-618 Pharmacology and Pharmacotherapy I
- **Credits:** 3
- **Term Offered:** Fall Term
- **Course Type(s):** None
- The Pharmacology & Pharmacotherapy I course is the first of two courses providing students with in-depth study in the science and applications of pharmacology. This course covers an introduction to the principles of pharmacology, pharmacogenetics, and pharmacotherapy in addition to the indications, contraindications, interactions, and adverse effects of specific drug classes and the drugs within each class.

### PHA-619 Pharmacology and Pharmacotherapy II
- **Credits:** 3
- **Prerequisite(s):** PHA-618
- **Term Offered:** Spring Term
- **Course Type(s):** None
- The Pharmacology & Pharmacotherapy II course is the second of two courses providing students with in-depth study in the science and applications of pharmacology. This course builds upon the knowledge gained in the first semester course and provides an in-depth study of the indications, contraindications, interactions, and adverse effects of specific drug classes and the drugs within each class.

### PHA-620 PA Professional Practice
- **Credits:** 3
- **Term Offered:** Spring Term
- **Course Type(s):** None
- PA Professional Practice is designed as a comprehensive introductory course to the PA profession and professional practice issues. Topics include the history of the PA profession, professionalism, team-based interprofessional care, patient-centered care practices, the medical coding, billing and documentation, healthcare systems and policies, concepts of public health, patient safety, quality improvement and risk management.
Instructs students in the various disease entities in preparation for clinical internships. Students will develop their knowledge base in the etiology, clinical presentation, differential diagnoses, and therapeutic approach to disease processes. This course is composed of a series of lectures provided by primary care practitioners and specialists. Topics covered include a full-range of adult and pediatric health problems. An introduction to the fields of Obstetrics/Gynecology, Ophthalmology, and Surgery is included. Attention is focused on data collection, problem solving, clinical decision making, and the importance of incorporating patient education and preventive counseling in the clinical encounter.

Using literature searches, critical analysis, and newly acquired medical information students study various clinical patient scenarios and apply basic medical knowledge in an effort to evaluate and recommend appropriate treatment. Students will employ all the tools acquired in previous courses to analyze these scenarios to develop realistic diagnoses, problem lists, and plans incorporating the proper ancillary clinical and diagnostic methods appropriate for supporting the diagnosis. The student will also be required to recommend therapeutic measures as deemed necessary. This is the first student effort to organize all of the knowledge gained to date and to exercise this knowledge in true patient management.

Provides an overview of psychiatric concepts and an introductory approach to the evaluation of patients with behavioral issues. Includes a discussion of various psychiatric syndromes, with a review of causal factors and clinical presentation. Provides an overview of normal human behavior development over the life span. The impact that psychological problems have on the total health care of the patient will be emphasized.

An exploration in the fundamental concepts of research in the health sciences. Problem finding, formulation of a research question, research methodology, design, and data collection and interpretation will be addressed. Ethical considerations in research will be discussed. Published research articles will be critically analyzed. At the conclusion of the course, the students will have developed the framework of an original study, which will be further developed in PHA-626.

Research Methods I is the first of 2 courses specifically designed as the PA student's graduate-level research training with emphasis on practice-based learning and improvement (PBLI). The course includes specific training in principles of practice-based learning & improvement, basic biomedical statistics, research methods & design, and the analysis and application of medical research geared towards improving patient outcomes in clinical practice. As the first of two courses, this course will serve as a foundational course enabling the PA student to develop a practice-based improvement project that will be finalized in Research Methods II delivered during the clinical phase of training.

Clinical Skills II builds upon the previous semester's Clinical Skills I course to further advance interpersonal and communication skills resulting in the effective exchange of information and collaboration with patients, their families, and other health professions, development of clinical reasoning and problem-solving abilities, patient evaluation, work-up, diagnosis, intervention, and management. The course will be modularized to accompany the topics covered in the Topics in Medicine & Surgery III courses occurring in the same semester. Prerequisite: PHA-623.

The course provides a comprehensive overview of human pathology with emphasis on molecular and gross mechanisms of disease. The course provides an introduction to the organization, structure and function of normal cells and tissues; the pathophysiology principles of cellular injury, inflammation, circulatory disorders and atherosclerosis, immune injury, infection, degenerative disease, genetic disorders, neoplastic and environmental injury; and pathology of major organ systems.

The application of human and professional values, judgments, and choices to selective ethical dilemmas that arise in clinical practice. Traditional and contemporary approaches to resolving professional dilemmas will be discussed as well as ethics related to the delivery of healthcare.

Many of the tasks of this course are related to the completion of the research study which was begun in Research Methods I (PHA-629). Much of the work of this single-credit course is accomplished through small group activities outside of formal class sessions. Class sessions for the course are infrequent. These will be lecture-discussion sessions in which we will meet to discuss topics designed to facilitate the completion of the research study and to enhance knowledge of medical research in general. Reading assignments should be completed prior to these meetings so that class discussions can be meaningful. Lecture notes, assignments and announcements will be posted on the e-Campus course site. Students should check both class and Web-based discussions.
PHA-636 Healthcare Policy
Term Offered: Spring Term
Course Type(s): None
The overall goal of this course is to provide the student with information regarding the various topics related to the U.S. healthcare delivery system. The student will also be made aware of the impact that healthcare policy and managed care has on the total health of a patient. The course is given during the final semester of the third professional year so the student can incorporate clinical skills with an analytical perspective on those issues that drive the current health care system. Classes will be conducted as a series of group discussions supported by the required textbook readings, e-Campus posted articles, and small group-led discussions on those articles with analysis focused on how each affects cost, quality, and access to medical care. Attention will be given to the current events surrounding the issue of healthcare reform. Additionally, the course will be augmented by occasional guest lecturers.

PHA-637 Topics in Medicine and Surgery I
Term Offered: Fall Term
Course Type(s): None
Topics in Medicine and Surgery I is one of three courses instructing students in clinical medicine presented in an organ systems format. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.

PHA-638 Topics in Medicine and Surgery II
Prerequisite(s): PHA-637 and successful completion of all previous coursework
Term Offered: Spring Term
Course Type(s): None
Topics in Medicine and Surgery II is the second of three courses instructing students in clinical medicine presented in an organ systems format. The course builds upon the knowledge acquired in Topics in Medicine & Surgery I. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.

PHA-640 Supervised Clinical Practice Experiences I
Course Type(s): None
The Supervised Clinical Practice Experiences (SCPE) courses include various clinical clerkships providing the student with the direct patient care exposures across required core and elective clinical experiences. In all experiences the student will participate in patient-care experiences under the supervision of a licensed clinician. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and surgical environments.

PHA-641 Supervised Clinical Practice Experiences II
Course Type(s): None
Supervised Clinical Practice Experiences II (SCPEs II) I is the second of four courses that include various clinical clerkships arranged as modules to provide the student with direct patient care exposures across required core and elective clinical experiences over the span of four semesters. In all experiences the student will participate in the provision of medical care for patients across the lifespan under the supervision of a licensed clinician, primarily a board-certified and licensed physician or a nationally certified and licensed PA. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. At the conclusion of the four SCPEs courses, students will have had in-depth training and patient-care experiences in core areas, including Behavioral Medicine/Psychiatry, Emergency Medicine, Family Medicine, General Surgery, Internal Medicine, Pediatric Medicine, and Women's Health Care, including prenatal and gynecologic care. Additionally, students have selective clerkships that can be in one of the core areas or a specialty practice area.

PHA-642 Supervised Clinical Practice Experiences III
Course Type(s): None
Supervised Clinical Practice Experiences II (SCPEs II) I is the third of four courses that include various clinical clerkships arranged as modules to provide the student with direct patient care exposures across required core and elective clinical experiences over the span of four semesters. In all experiences the student will participate in the provision of medical care for patients across the lifespan under the supervision of a licensed clinician, primarily a board-certified and licensed physician or a nationally certified and licensed PA. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. At the conclusion of the four SCPEs courses, students will have had in-depth training and patient-care experiences in core areas, including Behavioral Medicine/Psychiatry, Emergency Medicine, Family Medicine, General Surgery, Internal Medicine, Pediatric Medicine, and Women's Health Care, including prenatal and gynecologic care. Additionally, students have selective clerkships that can be in one of the core areas or a specialty practice area.
Students are at all times held to the highest standards of professionalism paired with a licensed practitioner in each medical discipline or service. In all experiences the student will participate in the provision of medical care for patients across the lifespan under the supervision of a licensed clinician, primarily a board-certified and licensed physician or a nationally certified and licensed PA. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. At the conclusion of the four SCPE courses, students will have had in-depth training and patient-care experiences in core areas, including Behavioral Medicine/Psychiatry, Emergency Medicine, Family Medicine, General Surgery, Internal Medicine, Pediatric Medicine, and Women’s Health Care, including prenatal and gynecologic care. Additionally, students have selective clerkships that can be in one of the core areas or a specialty practice area.

**PHA-651 Clinical Clerkships I**

Term Offered: All Terms
Course Type(s): None
Clinical Clerkship year 1 is the first of two years of clinical clerkships providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a healthcare delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

**PHA-652 Clinical Clerkships II**

Term Offered: Spring Term
Course Type(s): None
Clinical Clerkship year 2 is the second clinical clerkship providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a healthcare delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

**PHA-653 Clinical Clerkships III**

Term Offered: Fall Term
Course Type(s): None
Clinical Clerkship year 3 is the third clinical clerkship providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a healthcare delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

**PHA-654 Clinical Clerkships IV**

Term Offered: Spring Term
Course Type(s): None
Clinical Clerkship year 4 is the fourth clinical clerkship providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a healthcare delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

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**M.S. in Physician Assistant (PHA.MS)**

**PHA Requirements (95 credits)**

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<td>PHA-603</td>
<td>Introduction to Patient Assessment</td>
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<td>PHA-627</td>
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<td>Clinical Skills II</td>
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<tr>
<td>PHA-641</td>
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<tr>
<td>PHA-642</td>
<td>Supervised Clinical Practice Experiences III</td>
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<tr>
<td>PHA-643</td>
<td>Supervised Clinical Practice Experiences IV</td>
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**Total Credits**: 95

**Sequence Chart**:

(The sequence below is intended for the Class of 2023 and beyond. All other Physician Assistant students should speak with their advisor for course sequence planning)

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Fall Credits</th>
<th>Spring Credits</th>
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<tbody>
<tr>
<td>PHA-601</td>
<td>Human Anatomy</td>
<td>5 PHA-617</td>
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<td></td>
<td></td>
<td>Physiology and Pathophysiology II</td>
</tr>
<tr>
<td>PHA-603</td>
<td>Introduction to Patient Assessment</td>
<td>5 PHA-619 Pharmacology and Pharmacotherapy II</td>
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**Credits**: 3
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<th>Course Code</th>
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<td>Pharmacology and Pharmacotherapy</td>
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<td>Topics in Medicine and Surgery I</td>
<td>5</td>
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<td>PHA-620</td>
<td>Professional Practice</td>
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<td>PHA-623</td>
<td>Clinical Skills I</td>
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<td>Pathology</td>
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<td>PHA-615</td>
<td>Topics in Medicine and Surgery III</td>
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<tr>
<td>PHA-622</td>
<td>Clinical Management</td>
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<td>PHA-640</td>
<td>Supervised Clinical Practice Experiences I</td>
<td>8</td>
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<td>PHA-627</td>
<td>Research Methods I</td>
<td>3</td>
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<td>PHA-628</td>
<td>Clinical Skills II</td>
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<td>PHA-632</td>
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<td>PHA-641</td>
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<tr>
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<tr>
<td>PHA-643</td>
<td>Supervised Clinical Practice Experiences IV</td>
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</table>

**Semester Credits:** 21

**Sophomore Fall Credits:** 6

**Spring Credits:** 2

**Summer Credits:** 8

**Junior Fall Credits:** 8

**Spring Credits:** 10

**Total Credits:** 95

### Admission Requirements

1. Applicants must submit a completed Central Application Service for Physician Assistants (CASPA) application and the Monmouth University application fee.
2. Applicants must be able to meet the program’s technical standards and sign and submit the Technical Standards Acknowledgement form via the CASPA system.
3. Possession of a baccalaureate degree from a regionally accredited college or university. Applicants not having a baccalaureate degree by time of interview, if accepted into the program, will automatically fall into an Accepted Conditional status pending completion of their degree but must have degree completed prior to matriculation.
4. A minimum cumulative GPA of 3.0 on a 4.0 scale from all institutions and a minimum cumulative GPA of 3.0 in prerequisite courses.
5. Successful completion, within 10 years before application, of the following prerequisite courses and associated semester credit hours (sch) with a grade of “C” or better (pass/fail grading not accepted):
   a. Human Anatomy with lab (4 sch) and Human Physiology with lab (4 sch) or, alternatively, Human Anatomy & Physiology I and II, each with lab and each 4 sch;
   b. Chemistry I and II with lab, each 4 sch;
   c. Biology I with lab (4sch) or Biology II with lab (4 sch) or Cell Biology with lab (4 sch)
   d. Microbiology with lab (4 sch);
   e. General Psychology (3 sch) or Abnormal Psychology (3 sch) or Developmental Psychology (3 sch).
   f. Medical Terminology (2 sch minimum): certificate courses and contact hour courses are not acceptable; course can be taken online;
   g. Statistics or Biostatistics (3 sch): statistics courses within social or natural science departments (e.g., psychology) are acceptable.
   h. AP or CLEP credit for any prerequisite courses is not accepted.
   i. Specific to COVID-19 related issues, in-person courses transitioned to online format will be considered for acceptance in fulfilling admission requirements. Outside of COVID-19 related issues, online courses, other than medical terminology, will not be considered for fulfilling admission requirements.
   j. All courses must be completed at a regionally accredited College or University. Applicants who completed coursework from a college or university outside of the U.S. must submit a transcript evaluation from a reputable transcript evaluation service.
6. English language proficiency. Students whose native language is not English must provide an English proficiency score meeting the University’s requirements.
7. A minimum of 200 hours of paid or unpaid (i.e., volunteer) direct patient care experience by time of application (up to 20 shadowing hours with a PA can be included).
8. Graduate Record Examination (GRE), taken in the past five years, is required for all applicants. There is no specific score needed for consideration; however, competitive applicants have scores above the 50th percentile in each of the test areas.
9. Three Letters of Reference submitted via the CASPA system.
THE SCHOOL OF SOCIAL WORK

Dean: Robin Mama, Ph.D.
Assistant Dean: Leah Lazzaro, D.S.W.
Director of the B.S.W. Program: Christa Hogan, Ph.D.
Director of the M.S.W. Program: Elena Mazza, Ph.D.

Social workers are concerned with improving the health and quality of life of persons who are disconnected or excluded from larger society. Social workers engage in practice at all levels, from working with children to working with communities and governments. The profession and the program at Monmouth are particularly concerned with human rights and social and economic justice, the representation and support of vulnerable or oppressed segments of the population, and direct-action strategies to bring about positive change for the disenfranchised.

The central mission of the School of Social Work at Monmouth University is to prepare its graduates for professional social work practice that strives to secure social and economic justice, advance human rights, and improve the quality of life of vulnerable families, individuals, organizations, communities, and nations on the local, national, and global levels.

The MSW Program at Monmouth University prepares graduates for advanced social work practice in one of two unique concentrations:

- Clinical Practice with Families and Children (p. 240)
- Global and Community Practice (p. 241)

On the foundation of a liberal arts tradition, students are engaged to broaden and challenge their understanding, analysis, and evaluation of human experiences and societies in the past and in the contemporary world, and of families and individuals of varied cultural and social contexts.

The curriculum supports this mission through three perspectives:

1. social and economic justice through the advancement of human rights,
2. strengths-based empowerment, and
3. practice with families within a global context.

Families within a global context define the initial focal social unit for all social work practice at Monmouth University.

Our three perspectives inform both our B.S.W. and M.S.W. programs as they contribute to the development of students’ knowledge, values, and skills:

1. To conceptualize and contribute to social work theory, knowledge, values, and skills on a generalist level for B.S.W. students, and on an advanced, concentration-specific level for M.S.W. students through three interrelated perspectives: social and economic justice through the advancement of human rights, strengths-based empowerment, and practice with families within a global context;
2. To develop the skills to understand, analyze, and evaluate the quality of life and well-being of vulnerable families, individuals, organizations, communities, and nations that is grounded in a strengths-based empowerment approach for social and economic justice and human rights;
3. To prepare social work practitioners to develop and systematically apply knowledge, values, skills, and ethics in their work with families, individuals, organizations, communities, and nations of diverse cultural contexts in working collaboratively toward the prevention and solution of social problems;
4. To think critically, analyze, produce, and disseminate research that informs theory, policy, practice, and evaluation in social work;
5. To collaborate with and support vulnerable populations through advocacy, social action, volunteerism, service, education, and consultation, working from a strengths-based empowerment approach for social and economic justice and human rights.

School of Social Work Honor Society: Phi Alpha: Graduate and Undergraduate

Master of Social Work Concentrations

There are two concentrations offered at Monmouth University at the graduate level:

- Clinical Practice with Families and Children (C.P.F.C.) (p. 240) and
- Global and Community Practice (G.C.P.). (p. 241)

Common to both concentrations is a commitment to the mission of the School of Social Work at Monmouth University: improving the quality of life of vulnerable individuals, families, groups, and communities on the local, national, and international levels.

The courses in the Clinical Practice with Families and Children (C.P.F.C.) concentration prepares students for advanced social work practice with individuals, couples, families, and groups. It builds on the foundation-year course work where the full complement of social work roles was explored. The advanced year, however, focuses primarily on clinical counseling skills and culturally competent use of self in complex working relationships with clients and client groups. While the emphasis is on clients’ strengths, and working together toward their empowerment is continued, students learn about and apply clinical skills to family, children, and mental-health agency settings; child welfare, criminal justice, and host settings in which clinical social work most often takes place.

The Global and Community Practice (G.C.P.) concentration primarily uses community development theory and practice to address developing-world social and economic justice, inequality, oppression, and discrimination issues in developed and developing countries. Culturally competent community development respects the integrity and worth of individuals and communities with diverse backgrounds. G.C.P. focuses the practice of social work at mezzo and macro levels with agencies and client populations within the context of global interdependence of social problems. Courses stress the knowledge, values, skills, and ethics of practice at the mezzo and macro levels, with specific content on the ethics of the International Federation of Social Workers and the declarations of the United Nations.

Graduate Certificate: Play and Expressive Therapies

The Graduate Certificate in Play and Expressive Therapies is an eighteen-credit program and provides the 150-course-hour requirement. Additionally, students in this program work toward acquiring the necessary 500 hours of experiential practice in play therapy and fifty
hours of supervision, as required by the Association for Play Therapy (APT), Inc., for the Registered Play Therapist (RPT) certification.

Graduate Certificate: Clinical Social Work Licensure

The Graduate Certificate for Clinical Social Work Licensure is an 18-credit program designed for students who have completed a Master in Social Work (MSW) from a Council on Social Work Education (CSWE) accredited program, but need additional clinical course work to complete the educational requirements of the State of New Jersey to become a Licensed Clinical Social Worker (LCSW). Students must have a completed MSW degree and be a Licensed Social Worker (LSW) for admission to the certificate program.

Addiction Professionals Certification Board of New Jersey, Inc.

Since the fall of 2000, the School of Social Work at Monmouth University, in cooperation with the Addiction Professionals Certification Board of New Jersey, Inc., has offered the course work needed for the Certified Alcohol and Drug Counselor (CADC) certification. In the summer of 2004, the certification became a license. The Department of Social Work continues to work with the State of New Jersey Department of Law and Public Safety, Division of Consumer Affairs, Board of Marriage and Family Therapists, Drug and Alcohol Committee to provide the course work needed for the state-issued Licensed Certified Alcohol and Drug Counselor (LCADC).

The School of Social Work recognizes the need for addictions training to serve the substance abuse-affected population and their families. In order to serve this special population, the State Board requires that proper certifications be in place or in process.

Any M.S.W. student (in the C.P.F.C. concentration) who takes the elective course SW-604 Clinical Practice in Addictions (3 cr.) and a one-credit course that are offered each year here at Monmouth University will have completed the necessary course work towards his or her LCADC. Students who are completing their internship hours in a drug and alcohol placement may count those hours toward the required field hours for the LCADC as well as their M.S.W. degree. The course work and field hours are good for five years after they have been taken, and students are required to keep their own records. All other requirements towards the LCADC will need to be met by the student on his or her own, according to the State of New Jersey, Department of Law and Public Safety, Division of Consumer Affairs, Board of Marriage and Family Therapists, Drug and Alcohol Committee. For additional information regarding the requirements for the LCADC, please contact:

State Board of Marriage and Family Therapy Examiners Alcohol and Drug Counselor Committee
PO Box 45040
124 Halsey Street, 12th Floor
Newark, NJ 07101
973-504-6582

Programs

Masters

- MSW Clinical Practice with Families and Children Concentration (p. 240)
- MSW Global and Community Practice Concentration (p. 241)

Certificate

- Graduate Certificate: Play and Expressive Therapies (p. 242)
- Graduate Certificate: Clinical Social Work Licensure (p. 242)

Faculty

Michael Cronin, Associate Professor (Graduate Faculty). M.S.W., Columbia University; Ph.D., Yeshiva University. Research interests in areas of international social work, healthcare and social policy, disaster management, social gerontology, and cultural competence. mcronin@monmouth.edu

Ralph Cuseglio, Assistant Professor (Graduate Faculty). M.S.W., D.S.W., Rutgers University. Areas of interest include school social work, clinical social work, and psychotherapy. rcuseglio@monmouth.edu

Anne Deepak, Associate Professor (Graduate Faculty). B.A., Boston University; M.S., Ph.D., Columbia University. Areas of research interest are in the delivery of diversity and social justice content in social work education, the application of postcolonial feminist social work perspective to global social problems, and the dynamics of Global North-South partnerships. adeepak@monmouth.edu

Robin Mama, Professor (Graduate Faculty).
Dean, School of Social Work. B.S.W., College of Misericordia; M.S.S., Ph.D., Bryn Mawr College. Areas of interest include occupational safety and health, field education, and culturally competent social work practice. Current research projects include international social work and human rights. rmama@monmouth.edu

Golam M. Mathbor, Professor (Graduate Faculty). B.S.S., M.S.S., Bachelor of Law (LLB), University of Dhaka, Bangladesh; M.S.W., McGill University; Ph.D., University of Calgary. Areas of interest include development and analysis of social policies and services, community organizing and social action, social planning, community development and community participation, and international social work. Current research interests include sustainable development of coastal communities, international development, and multicultural social work. gmathbor@monmouth.edu

Paul Urbanski, Assistant Professor (Graduate Faculty). B.F.A., University of Michigan; M.S.W., Columbina University; Ph.D., University of Albany, New York. Research interests include the impact of institutional settings on older adults and specifically on resident autonomy in long-term care facilities. Currently, he is interested in understanding the experiences of older adult Korean emigrants who have come to the U.S. as family caregivers. purbansk@monmouth.edu

Joelle Zabotka, Associate Professor (Graduate Faculty). B.A., Drew University; M.S.W., Columbia University; Ph.D., Rutgers University. Social work clinician who continues to practice, with research...
interests in child mental health and development, parenting, substance abuse, and Fetal Alcohol Spectrum Disorders.
jzapotka@monmouth.edu

Courses

SW-LPE Social Work Project Exposition Credits: None
Prerequisite(s): SW-780
Term Offered: All Terms
Course Type(s): None
Social Work Project Defense. This is a pass/fail course.

SW-503 Social Work Practice with Individuals and Families Credits: 3
Term Offered: All Terms
Course Type(s): None
This beginning practice course introduces students to the basic processes of social work and the roles and skills needed for foundation practice. Relevant theories of social work practice with individuals and families are explored in relation to interviewing skills and assessment strategies. The course integrates ethical/value standards, multicultural and diverse contexts, and populations at risk. Effective practice methods, ethical issues, and the problem-solving process are incorporated. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-505 Social Welfare Policy and Services I Credits: 3
Term Offered: All Terms
Course Type(s): None
The first of two required courses in social policy defines social policy; examines the social, economic, and political circumstances that give rise to social problems and their policy solutions; explores frameworks for analyzing these solutions; and reviews a history of the profession of social work.

SW-507 Social Work Research Credits: 3
Term Offered: All Terms
Course Type(s): None
Develops the student's ability to use and engage in both quantitative and qualitative research in order to inform and evaluate his or her own social practice. Addresses key research concepts and procedures, such as hypothesis formulation, measurement, sampling, research design, and data collection.

SW-509 Human Behavior in the Social Environment I Credits: 3
Term Offered: Fall Term
Course Type(s): None
This is the first semester of a two-semester course sequence within which students use theory and empirical data to assess human behavior as it develops in a variety of sociopolitical environments. A strengths-based, empowerment-focused paradigm is introduced to help students conceptualize biological, psychological, cognitive, and social factors as they influence human growth and development within families.

SW-510 Field Practicum I Credits: 3
Term Offered: All Terms
Course Type(s): None
This is the first part of a yearlong seminar required of all first-year MSW students completing a field internship. The purpose of the seminar is to integrate experiences from the field with course work, discussion, and personal reflections. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-513 Social Work Practice in Groups Credits: 3
Term Offered: All Terms
Course Type(s): None
Builds on social work practice, knowledge, skills and techniques. Describes social work practice with groups. It begins by delving into the history of group work in social work practice. Essentially, the course will explain the stages of group development, as well as concepts and theories related to group work treatment. In addition, different styles of group leadership will be presented, as well as group member roles. Students will be expected to role-play various stages of group development. Group process will also incorporate an ecosystems perspective, with overall emphasis on empowerment utilizing a strengths perspective. Special attention will be given to human rights, social and economic justice, diversity and cultural issues with respect to social work practice with groups. Students must earn a grade of "B" or higher or it will have to be repeated.

SW-515 Social Welfare Policy and Services II Credits: 3
Prerequisite(s): SW-505
Term Offered: Spring Term
Course Type(s): None
Theories and frameworks are used to analyze the development, operation, impact, and strategies for change in today's social welfare policies and services. Students apply analytic skills, scientific knowledge and research concepts to deepen their knowledge about different settings, populations and issues that are influenced and shaped by social needs, social policy, ethical questions, oppression and concerns for social justice.

SW-518 Global Community Practice Credits: 3
Prerequisite(s): SW-509
Term Offered: All Terms
Course Type(s): None
Required of all graduate Social Work majors, this course focuses on the community as the unit of intervention. Students will be introduced to the spectrum of macro social work practice from a global perspective. Students will learn the skills necessary for conceptualizing and facilitating social change, whether at the agency, neighborhood, state, federal or international level. Direct action (grassroots) organizing will be the framework for learning about social change. Examines international organizing movements and how these compare to organizing efforts in the United States. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-519 Human Behavior in the Social Environment II Credits: 3
Prerequisite(s): SW-509
Course Type(s): None
This is the second semester of a two-semester course sequence within which students use theory and empirical data to assess human behavior as it develops within a variety of sociopolitical environments. A strengths-based, empowerment- focused paradigm is developed to help students conceptualize the interactions among social identities, such as race, class, ethnicity, sexual orientation and gender expression, as they influence human behavior in larger sociopolitical entities, such as groups, organizations, and communities.

SW-520 Field Practicum II Credits: 3
Prerequisite(s): SW-510 passed with a grade of B or higher
Co-requisite(s): SW-503, SW-513 and SW-518
Term Offered: Spring Term
Course Type(s): None
The second part of a yearlong seminar required of all first-year MSW students completing a field internship. The seminar is generalist in focus. Students must earn a grade of B or higher in this course or it will have to be repeated.
SW-598 Special Topics in Social Work
Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Permission of the department chair required to take this course. If a prerequisite is required it will be announced in the course schedule.

SW-599 Independent Study in Social Work
Term Offered: All Terms
Course Type(s): None
Reading and research under the direction of a member of the Social Work faculty. Prior permission of the directing professor and department chair is required to take this course.

SW-602 Domestic Violence
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Highlights the issues of power and control with respect to violence. The societal beliefs and mores of different cultures that condone violence will be examined. The patterns of domestic violence will be studied from the points-of-view of the victims as well as the abusers. Methods of social work practice with family violence as well as current treatment procedures with abusers and victims are included.

SW-603 Addictions Considerations
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Deals with the practice of social work with substance abusing clients. It is meant to supplement material covered in SW-604 (Clinical Practice in Addictions) to fulfill the obligations of licensure from the state of New Jersey.

SW-604 Clinical Practice in Addictions
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Evaluates the clinical implications of substance use and abuse at three levels of social work practice. On the micro level, clinical implications including symptomatology, etiology, and physiology of substance use will be addressed. Assessment and treatment theory and techniques will be explored, implemented, and evaluated. On a mezzo level, the effects on, and needs of, the extended family and systemic community of those who use substances, will be addressed. Strategies for meeting those needs will be researched and evaluated. Lastly, on the macro level, existing resources available and active policy regarding substance abuse will be critically studied, and potential proposed changes will be discussed.

SW-605 Clinical Practice with Families and Children
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, and SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Provides a historical perspective on family-centered practice. Introduces major theories and intervention types that are the foundation for clinical work with diverse families.

SW-611 Social Work Practice with Parents
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520, both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Introduces students to assessment and intervention with individuals/couples/groups who are in parenting roles. Parenting techniques from a strengths based perspective and introduced. This course is a continuation of the ecological perspective of systems theory and social work practice illustrated in Human Behavior and the Social Environment and Social Work Practice & Techniques. Ethnic, culture and gender issues are included in the course information as they apply. Family violence, parenting styles, parenting roles, substance abuse and adolescence conflict are among the topics discussed in this course.

SW-613 Social Work Leadership and Management
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519, and SW-510 and SW-520 both passed with a grade of B or higher.
Term Offered: Fall Term
Course Type(s): None
Students will learn the basic principles and applied practice of management and leadership in nonprofit human service and nongovernmental organizations from a social work perspective grounded in social justice and human rights. A wide range of human services management competencies are studied in this class while identifying internal and external environments for human service organizations and non-governmental organizations. Also, this course will review various organizational theories; human resource management skills; finance resource management skills and knowledge; and other current concerns in human service management.

SW-614 Grant Writing
Term Offered: All Terms
Course Type(s): TPS
Provides students with the opportunity to develop grant writing skills, to apply for a grant for their field internship agency and to begin to learn about project management. Emphasis will be placed on writing skills, concept development, program development and budget preparation. This course is suitable for students in either concentration.
SW-615  Advanced Global and Community Practice  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Fall Term
Course Type(s): None
This is the first course in the concentration on Global and Community Practice. It is designed to introduce the student to local and global social work practice, with a special emphasis on community development and community organizing. The historical and current political context of development, the policies and practices of international aid, humanitarian agencies, governments and multilateral organizations and the role of social work in addressing human rights and needs are critically examined. Emphasis is given to the impact of social welfare policy decisions upon oppressed population groups and the implications of these decisions for human rights and social and economic justice. The importance of engaging organizations, community groups and institutions and allies to work together to address problems or conditions they have identified and wish to solve or change will also be highlighted. The macro context of the relationship and tensions between Global North and Global South development and practice are explored, as is the impact of this context on global community practice. Knowledge, skills and awareness for community practice work in multicultural local, transnational, and global settings are emphasized in this course. Engagement of communities and organizations via social media campaigns and collaborative in-person activities are also highlighted. Students must earn a grade of "B" or higher in this class or it will have to be repeated and this may delay a student's ability to move forward in the program. Prerequisites: SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519, and SW-510 and SW-520 both passed with a grade of B or higher

SW-616  Social Work Practice with the Aged  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Designed for students specializing in practice with the aged and their families. Examines normative and pathological aging personality. Emphasis is placed on the development of specialized knowledge and skills for assessment, intervention, and evaluation of a variety of issues and needs common in later life. Discussions on the applicability of certain interventions with the older adult and the family will be presented along with ethno-cultural and gender considerations.

SW-617  Environmental Justice and Sustainable Development in Social Work  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520, both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Addresses environmental crises and sustainable development challenges facing social workers in local and global arenas. Special attention will be made to conceptualize these challenges, themes and issues using a social justice and human rights framework embodied in Green Social Work. Social work pathways to facilitating environmental justice through local and global policy, coalitions and programming. Students must earn a "B" or higher in this class or it will have to be repeated and this may delay a student's ability to move forward in the program.

SW-619  Social Work Supervision  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Course Type(s): None
Familiarizes students with the basic concepts of supervision as a vital component of social work practice in three areas: practice skills, administrative needs and evaluation. Covers a historical and theoretical view of supervision, techniques, styles, supervise counter transference, authority, power and the supervision process. Emphasis is placed on the dynamics of supervision, ethical and value principles, professional boundaries and supervision as a leadership function.

SW-621  Social Work with Military Families  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
This course is an MSW elective. It is designed to assist students in understanding military systems and cultures within the United States. Also, we will examine contemporary areas of practice for social workers within and outside of the military. Special attention will be given to the impacts of the current and historical conflicts on military personnel, their families, and veterans and also to the ethical issues of working with these populations.

SW-623  Social Innovations  Credits: 3
Term Offered: Fall Term
Course Type(s): None
The problems facing today's world - global poverty, disease, climate change - are more complex than ever before, and solutions require interdisciplinary thinking and cross-sector collaboration. Social innovation represents a new paradigm that supports the development, implementation, and sustainability of transformational responses to social needs. Social innovation focuses attention on the ideas and solutions that create social value - as the processes through which they are generated, not just on individuals and organizations. This course introduces students to the strategies and processes of social innovation and social change. Students will gain knowledge of strategies of change that include the innovative activities of social and political entrepreneurs, activists, organizations, and social movements. Students will examine several individuals and groups who have catalyzed important positive social change through different organizational platforms - in the market, in government, within the nonprofit sector, and increasingly in the space between these three sectors. Throughout the course students will examine social innovation through case studies, best practice analyses, and relevant readings.
SW-625  Program Planning and Evaluation  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Provides information about the techniques and procedures involved in the planning process and in the application of research methods to social work practice at the community level. Focus will be on the conceptualization of a social program and on process or planning and the outcome evaluation research. Different approaches to planning and evaluation from a strengths-based empowerment perspective will be surveyed. Students will deal with the theoretical and practical problems of planning and evaluating social welfare programs and services for individuals and families in a global context.

SW-626  Evaluation of Practice Effectiveness  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518 and SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Provides information about the values, techniques and procedures involved in the application of research methods to social services and programming. The focus will be on the conceptualization of a social program and on process and outcome evaluation research. Students will deal with the theoretical and practical problems of evaluating social work and social welfare programs and services.

SW-627  Implications of Social Justice and Human Rights for Social Work  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
First of a two-course sequence examining the implications and applications of social justice and human rights within social work. Within this course, students develop their knowledge of social justice and human rights principles and theories. Students analyze the implications of those principles and theories for the profession of social work as they develop a proposal for the implementation of social justice and human rights in either an agency-based, creative, or research-focused project.

SW-628  School Social Work  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-510, SW-513, SW-515, SW-518, and SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Designed for students in the MSW program who are either in a school social work field internship, who currently work in the school system, or who anticipate becoming a school social worker in the future. Provides a conceptual framework for understanding social work services in schools. It will also cover educational policy, pupil rights, and the current social issues that school personnel handle.

SW-629  Spirituality and Social Work  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Provides a forum in which students will explore spirituality in social work practice. Through a critically reflective approach, this course prepares students to respond competently and ethically to diverse spiritual perspectives in relation to themselves, their clients and the helping relationships they create with them.

SW-630  Field Practicum III CI  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Required for advanced-standing students and those in the second year of the MSW program in the CPFC concentration. Focuses on advanced skills and particular techniques used with vulnerable and oppressed populations at each stage of the direct practice helping process and with difficult practice situations, such as resistant and involuntary clients, divorced families, child abuse and neglect, and other serious social problems affecting individuals, client groups, dyads, and family systems. Case examples representing complex client situations are drawn from the populations served by students in their fieldwork placements with a specific emphasis placed on working from a social justice and human rights perspective in the field. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-631  Field Practicum III FC  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Fall Term
Course Type(s): None
The semester is spent examining issues and methods in international and community practice. Some time will be spent considering an internship overseas in the spring semester. To this end, the course will expose all students to issues in living and working overseas and on cross-cultural understanding. Special attention is given to strategies that specifically target human rights issues, both in the United States and abroad. Designed to relate specifically to students completing their third semester of field practicum in a macro setting. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-632  Crisis Intervention  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Course Type(s): None
Examines the multiple definitions, concepts, and models of crisis intervention. Addresses the issue of scope and timing of services. Additionally, the issue of categories of events (private vs. public) will be discussed. The education and training of the crisis intervention specialist will also be explored. The effect of a crisis on the individual, the family and the community is considered. Sociocultural factors will also be considered also.
SW-635  Suicide Prevention and Intervention  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Fall Term
Course Type(s): None
Designed to provide the student with an introduction to the fundamental knowledge and skills necessary for the understanding of and working in clinical practice with individuals at risk for suicidal thoughts, attempts, and completions. Myths and facts of suicide will be reviewed along with providing information on the state of the evidence base for epidemiology, risk factors, prevention, intervention and postvention with the school-aged child and adolescent, elderly, and special high-risk populations such as Native Americans. Open only to MSW students. Students from other majors must get permission of the professor to enroll.

SW-640  Field Practicum IV FC  Credits: 3
Prerequisite(s): SW-630 passed with a grade of B or higher
Co-requisite(s): SW-605, SW-645, and SW-665
Term Offered: All Terms
Course Type(s): None
This course is repeatable once for credit.

SW-641  Field Practicum IV CI  Credits: 3
Prerequisite(s): SW-631 passed with a grade of B or higher
Co-requisite(s): SW-615 and SW-617
Term Offered: Spring Term
Course Type(s): None
Designed to relate specifically to students completing their fourth semester of field practicum in a macro setting. Students are completing 250 hours of fieldwork during this semester while taking this class. It will cover a topic of current interest in social work: cultural competency in the organization and best practice content and readings related to each student's specific field internship. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-642  Empowering Adults with Acute Stress and Trauma  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-510 passed with a grade of B or higher, SW-513, SW-515, SW-518, SW-519, and SW-520 passed with a grade of B or higher.
Course Type(s): None
Empowering Adults with Acute Stress and Trauma is an elective course for students in the advanced year of the MSW program. The course examines the variant experiences of acute stress, crisis, and post crisis adults may face when exposed to trauma in their life. Specific common occurrences, as well as unique experiences of trauma from a Micro, Mezzo and Macro impact are included, with special emphasis on the interventions specific for their needs to foster empowerment and wellness. This course is repeatable once for credit.

SW-645  Clinical Social Work Assessment Diagnosis and Intervention Planning  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Addresses advanced assessment, diagnosis, and intervention planning with adults. Examines the use of advanced theory in understanding problem formulation, assessment, diagnosis, and intervention planning utilizing a clinical social work approach. Attention is directed to sociocultural factors, policy issues and global environment considerations that impact diagnosis and intervention with persons seeking clinical social work services. The impact of poverty, racism, sexism, homophobia and various manifestations of institutionalized oppression upon clients and clinicians is considered. Intervention methods that enhance adaptive functioning and resiliency are explored. Provides students with an understanding of social work values and ethics as directly related to clinical work, the relevance of critical thinking skills, and the importance of collaborative intervention planning and evaluation of treatment effectiveness. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-654  Humanitarian Issues in War and Armed Conflict  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Challenges students to explore and discuss important questions around protecting the rights of vulnerable people during the times of war. International humanitarian law is a set of rules that seeks, for humanitarian reasons, to limit the effects of armed conflict. It protects persons who are not or are no longer participating in the hostilities and restricts the means and methods of warfare. International humanitarian law is also known as the law of war or the law of armed conflict. Only open to MSW students. Students from other majors must get permission of the professor to enroll.

SW-665  Advanced Clinical Practice with Children  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Builds upon the foundation of individual, family and group work, with advanced practice applications for social work with children. Assessment and intervention skills used with children and adolescents are taught in relation to special issues that impact upon children today nationally and internationally. Students must earn a grade of B or higher in this course or it will have to be repeated.
SW-679 Applications of Social Justice and Human Rights in Social Work  
Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519, and SW-627; and SW-510 and SW-520 both passed with a grade of B or higher
Course Type(s): None
Second of a two-course sequence examining the implications and applications of social justice and human rights within social work. Guides students in the practice and application of social justice and human rights theories within their concentration-specific engagement with social work. Students undertake the implementation of a project that advances social justice and human rights as appropriate to their concentration area and practice interests.

SW-672 Advanced Theory in Play Therapy  
Credits: 3
Term Offered: All Terms
Course Type(s): HY
Provides an in-depth understanding of the history and theories of play therapy. Emphasis is placed on the understanding of the roles of therapists and parents through the play process. Diversity and multicultural considerations for theoretical perspectives are highlighted.

SW-673 Advanced Techniques in Play Therapy  
Credits: 3
Term Offered: All Terms
Course Type(s): OL
Provides students with the opportunity to develop techniques and methods of play therapy. Emphasis is placed on working with children, adolescents, and adults through individual, group, and family play therapy. Major topics include group play therapy, family play therapy, short-term play therapy, and sand tray/sand play therapy. Additionally, diversity and multicultural considerations are highlighted.

SW-674 Play Therapy for Children at Risk  
Credits: 3
Term Offered: All Terms
Course Type(s): OL
Focus is on play therapy with vulnerable and high-risk children. Emphasis on working with children, adolescents, and adults using play therapy in trauma and crisis situations is highlighted. Special attention is given to social issues that can lead to or exacerbate trauma or crisis.

SW-675 Play Therapy Practicum Seminar I  
Credits: 3
Term Offered: Spring Term
Course Type(s): None
First of a two-course sequence focusing on the application of play therapy theories and techniques. Students will acquire experience using play therapy theories and techniques that can be used toward the requirements for RPT certification. Students will process the clinical experience of play with children and adolescents, with a review of advanced skills, assessment, and treatment planning during individual and group supervision in the university seminar through videotaped sessions and discussion. The therapeutic relationship is emphasized. Limited to Play Therapy (C.P.SW.PT.) program majors. Students cannot enroll in SW-676 or PC-676 at the same time. Also listed as PC-675.

SW-676 Play Therapy Practicum Seminar II  
Credits: 3
Term Offered: Spring Term
Course Type(s): None
Second of a two-course sequence focusing on the application of play therapy theories and techniques. Students will acquire experience using play therapy theories and techniques that can be used toward the requirements for RPT certification. Students will process the clinical experience of play with children and adolescents, with a review of advanced skills, assessment, and treatment planning during individual and group supervision in the university seminar through videotaped sessions and discussion. Legal and ethical issues, transference/countertransference, and working with parents/caregivers are emphasized. Limited to Play Therapy (C.P.SW.PT.) program majors. Cannot enroll in PC-675 at the same time. Also listed as PC-676. Prior permission of the CPSWPT Program Coordinator is required.

SW-698 Special Topics in Social Work  
Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Permission of the program director is required.

SW-699 Independent Study in Social Work  
Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Reading and research leading to significant written work under the direction of a member of the social work faculty. Prior permission of the directing professor and department chair is required to take this course.

SW-710 Intersecting Ethics of Social Work, Leadership, Scholarship, and Human Rights  
Credits: 3
Term Offered: All Terms
Course Type(s): None
In this course, we will review the spiritual, philosophical, and historical foundations of modern ethics. This will include gaining insight into how ethics are reflected in social work values and principles that guide practice behaviors. We will examine the intersection between ethics and the mission of social work to address social justice and human rights for vulnerable populations. Over the course of semester various lenses will be used to examine how ethics translate into practice behaviors. Leadership will be explored as an expression of ethics, considering dilemmas that may exist between the mission of service providers and the environmental, economic, and social context within which agencies provide services to individuals and communities. We will examine how ethics influence our response to various social issues such as global climate change and experiences related to gender identity, race/ethnicity, spirituality, and culture. We will conclude the course by exploring ethical dilemmas associated with service provision and methods for evaluating and responding to these dilemmas.
SW-715  Herstory and the Evolution of Social Work’s Contribution to Leaders  Credits: 3
Term Offered: All Terms
Course Type(s): None
The aim of this course is to provide a foundation on the history of social work, social work education and human rights along with current illustrations of human rights leadership in the social work profession. The frameworks of the Universal Declaration of Human Rights and the Global Agenda are used to support progress toward just policies and practices. This course will prepare students with a foundation of knowledge and tools to critically assess and envision human rights leadership in the social work profession, social welfare policies, human service organizations, and the outcomes of social work delivery systems. As the name, “Herstory,” suggests, this class will be taught through the lens of anti-racism, intersectional feminism, and global justice. Students will examine the tensions, achievements and possibilities within the profession including professionalization, the micro-macro divide, and practices of racism and anti-racism.

SW-720  Social Work Leadership Portfolio Development  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course is designed to provide students with structured support, guidance, and feedback as they develop their DSW portfolio and begin the planning phase of their Capstone Project. Students will learn to write a human rights focused case study and be able to frame it within the context of a literature review. The course will also assist students in narrowing the scope of their DSW research interests and will engage them in the process of thinking critically about how it can lead to eventual actionable change. In doing so, the course will introduce and explore how digital forms of advocacy and activism have been utilized to influence political and social change. Students will then learn the foundational skills that are necessary to effectively use digital technology and social media for this purpose. Students will later apply these skills in their Capstone Project to inform, educate, and engage a public audience on a human rights issue specific to their area of social work practice that requires attention and/or change.

SW-725  Leadership Portfolio Development and Strategic Planning for Career  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course introduces leadership by focusing on the practice of leadership at the micro and mezzo levels. Attention is given to helping students understand and improve their own leadership performance as they begin to build a portfolio and develop a vision and strategic plan for career trajectory.

SW-730  Comparative Theories and Practices of Leadership and Human Rights  Credits: 3
Term Offered: All Terms
Course Type(s): None
The aim of this course is to introduce students to advanced theories and practices of leadership using the framework of universal declaration human rights in developing social development perspectives across the disciplines. This course will address the contemporary, philosophical, and theoretical underpinnings of leadership, human rights, and social, economic, and environmental justice. More specifically, it will examine various leadership models and strategies in advanced human rights issues to ensure social, economic, and environmental justice. The course will not only prepare students to acquire the necessary knowledge base but will also teach students the skills to become advocates for the vulnerable constituents of our global population.

SW-735  Theories in Social Innovation and Change  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course is grounded in foundation social work courses and is designed to build on and apply previous course knowledge with a special emphasis on socially innovative program and community development utilizing a design thinking approach.

SW-740  Social Justice Approaches to Executive Leadership and Strategic Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course focuses on questions of mission and vision (“What areas should an organization be working in and what should the organization’s future look like?”) and on questions of strategy and operations (“How can we perform effectively and how do we measure and define success?”). The course will cover key skill areas such as mission statements, creating organizational goals, assessment of outcomes, strategic planning, building boards and committees, along with an overview of fundraising skills.

SW-745  Quantitative Research Methods and Analysis  Credits: 3
Term Offered: All Terms
Course Type(s): None
In this course, will present quantitative research methods in the context of human rights and rigorous ethical standards. Students will review quantitative research methods and design allowing the social work practitioner to be able to discern and design quality research encompassing strong internal, external and measurement validity. A range of quantitative techniques will be presented leading to the development of a research proposal that addresses issues common to social work leadership.

SW-750  Qualitative Research  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course provides a review the various methods associated with qualitative research. This course will also provide an examination of the philosophical, epistemological, and methodological foundations that currently define qualitative research. Examples of qualitative methods in practice will be provided with a focus on how a method is determined and developed by a given research question.

SW-755  Educational Leadership in Human Rights Tool I  Credits: 3
Term Offered: All Terms
Course Type(s): None
The aim of this course is to further students knowledge of education leadership, continuing to use the overarching framework of advancing human rights and advocating for social, economic, and environmental justice. This course is one of a pair of courses for students wanting to use education as a leadership tool, and it is offered in the third and final year of the DSW program. Placement of this pair of courses coincides with students’ preparation and implementation of their transformative human rights leadership project. Students must take this course prior to taking its sequel Education Leadership in Human Rights Tool II.
The aim of this course is to further students’ knowledge of education leadership, continuing to use the overarching framework of advancing human rights and advocating for social, economic, and environmental justice. This course is the second of a pair of courses for students wanting to use education as a leadership tool, and it is offered in the third and final year of the DSW program. Placement of this pair of courses coincides with students’ preparation and implementation of their transformative human rights leadership project. Tool II provides students with an opportunity for experiential learning through completing a teaching practicum and aims to deepen students’ understanding of global issues in educational leadership.

This course provides opportunities for experiential learning through the completion of policy advocacy work in the student’s community/ workplace. Throughout the course, there will be an emphasis on the impact of values and professional ethics on policy analysis and program planning and development. Emphasis is given to the impact of social welfare policy decisions upon oppressed groups including their implications for human rights and social, economic, and environmental justice.

Similar to a dissertation, the capstone provides students with a guided opportunity to demonstrate the knowledge, skills, and understanding they have acquired throughout their course of study. Students are expected to identify a problem of importance connected to the Sustainable Development Goals and develop an innovative proposal for an immediately actionable social change effort. Students will work in close consultation with their doctoral committee to build upon the research question. They will gain institutional approval to conduct their independent research and will conduct the research under the supervision of a faculty mentor. Students will present the findings develop of a multimedia project that presents applied knowledge relevant to the social work profession. This course is the second in a two-semester course.

M.S.W. Clinical Practice with Families and Children Specialization (SW.FC.MSW)

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<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<td>SW-503</td>
<td>Social Work Practice with Individuals and Families 1</td>
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<td>SW-505</td>
<td>Social Welfare Policy and Services I</td>
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<td>SW-507</td>
<td>Social Work Research</td>
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<tr>
<td>SW-509</td>
<td>Human Behavior in the Social Environment I</td>
<td>3</td>
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<td>SW-510</td>
<td>Field Practicum I 1</td>
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<tr>
<td>SW-513</td>
<td>Social Work Practice in Groups 1</td>
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<td>SW-518</td>
<td>Global Community Practice 1</td>
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<td>SW-520</td>
<td>Field Practicum II 1</td>
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<td>SW-627</td>
<td>Implications of Social Justice and Human Rights for Social Work</td>
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<td>SW-669</td>
<td>Applications of Social Justice and Human Rights in Social Work</td>
<td>3</td>
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<td>SW-605</td>
<td>Clinical Practice with Families and Children 1</td>
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<td>SW-626</td>
<td>Evaluation of Practice Effectiveness</td>
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<td>SW-645</td>
<td>Clinical Social Work Assessment Diagnosis and Intervention Planning</td>
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<td>SW-665</td>
<td>Advanced Clinical Practice with Children 1</td>
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<td>SW-630</td>
<td>Field Practicum III FC 1</td>
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<td>SW-640</td>
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Total Credits 54

1 Must be passed with a grade of “B” or better
Sequence Chart
(Full time 60 credits. If your circumstances are different, please consult with your advisor.)

First Year

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<th>Semester</th>
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<th>Spring</th>
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<td>SW-507 Social Work Research</td>
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<td>SW-513 Social Work Practice in Groups</td>
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<td>SW-518 Global Community Practice</td>
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<td>SW-515 Social Welfare Policy and Services II</td>
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| Semester Credits | 12 | Semester Credits | 12 |

Second Year

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<th>Credits</th>
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<td>SW-627 Implications of Social Justice and Human Rights for Social Work</td>
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<td>SW-630 Field Practicum III FC</td>
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<td>SW-645 Clinical Social Work Assessment Diagnosis and Intervention Planning</td>
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<td>SW-665 Advanced Clinical Practice with Children</td>
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<td>SW-669 Applications of Social Justice and Human Rights in Social Work</td>
<td>3</td>
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| Semester Credits | 15 | Semester Credits | 15 |

Total Credits 54

Admission Requirements

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major. Social Work is grounded in the liberal arts and contains a coherent, integrated, professional foundation in social work (CSWE Accreditation Standards). MSW applicants with a baccalaureate degree are required to have a strong liberal arts background in English, Math and Psychology (none of these courses can be a College Level Examination Program; they must be taken as college-level, credit-bearing classes). The program also prefers courses in History, Sociology, Political Science, Anthropology, and Economics.

2. Three completed Monmouth University School of Social Work recommendation forms. Recommendations must be from an academic or professional source; it cannot be from friends and/or relatives.

3. Narrative (four to five pages, double spaced) in response to the questions outlined on the Autobiographical Statement form (https://www.monmouth.edu/uploadedFiles/Content/University/admission/graduate/MSWAutobioStatement.pdf).

4. Candidates for Advanced Standing must have a BSW from an accredited program within six years of the date of application, fulfill GPA requirements, and submit the Monmouth University Advanced Standing Field Evaluation form.

5. Candidates for Advanced Standing must have completed a course in statistics within the last six years.

6. In instances where the admissions committee has questions about an applicant’s references, personal statement, or academic record, the applicant may be required to attend an interview as part of the admissions process.

M.S.W. Global and Community Practice Specialization (SW.GCP.MSW)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation Courses (24 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW-503</td>
<td>Social Work Practice with Individuals and Families</td>
<td>3</td>
</tr>
<tr>
<td>SW-507</td>
<td>Social Work Research</td>
<td>3</td>
</tr>
<tr>
<td>SW-505</td>
<td>Social Welfare Policy and Services I</td>
<td>3</td>
</tr>
<tr>
<td>SW-509</td>
<td>Human Behavior in the Social Environment I</td>
<td>3</td>
</tr>
<tr>
<td>SW-510</td>
<td>Field Practicum I</td>
<td>3</td>
</tr>
<tr>
<td>SW-513</td>
<td>Social Work Practice in Groups</td>
<td>3</td>
</tr>
<tr>
<td>SW-518</td>
<td>Global Community Practice</td>
<td>3</td>
</tr>
<tr>
<td>SW-520</td>
<td>Field Practicum II</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Core Courses (6 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW-627</td>
<td>Implications of Social Justice and Human Rights for Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SW-669</td>
<td>Applications of Social Justice and Human Rights in Social Work</td>
<td>3</td>
</tr>
<tr>
<td>Global and Community Practice Concentration (21 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW-613</td>
<td>Social Work Leadership and Management</td>
<td>3</td>
</tr>
<tr>
<td>SW-615</td>
<td>Advanced Global and Community Practice</td>
<td>3</td>
</tr>
<tr>
<td>SW-623</td>
<td>Social Innovations</td>
<td>3</td>
</tr>
<tr>
<td>SW-617</td>
<td>Environmental Justice and Sustainable Development in Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SW-625</td>
<td>Program Planning and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>SW-631</td>
<td>Field Practicum III CI</td>
<td>3</td>
</tr>
<tr>
<td>SW-641</td>
<td>Field Practicum IV CI</td>
<td>3</td>
</tr>
<tr>
<td>Electives (3 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select 1 course from approved departmental selections at the 600+ level.</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

| Total Credits | 54 |

1 Must be passed with a grade of B or better.

Sequence Chart
(Full time, 60 credits. If your circumstances are different, please consult with your advisor)

First Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SW-503 Social Work Practice with Individuals and Families</td>
<td>3</td>
<td>SW-507 Social Work Research</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SW-509 Human Behavior in the Social Environment</td>
<td>3</td>
<td>SW-513 Social Work Practice in Groups</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SW-510 Field Practicum I</td>
<td>3</td>
<td>SW-520 Field Practicum II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SW-518 Global Community Practice</td>
<td>3</td>
<td>SW-505 Social Welfare Policy and Services I</td>
<td>3</td>
</tr>
</tbody>
</table>

| Semester Credits | 12 | Semester Credits | 12 |
Graduate Certificate Play and Expressive Therapies (SW.PET.GR.C)

Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-613 Social Work Leadership and Management</td>
<td>3</td>
<td>Select 3 credits of Social Work (600+) graduate electives</td>
<td>3</td>
</tr>
<tr>
<td>SW-615 Advanced Global and Community Practice</td>
<td>3</td>
<td>SW-617 Environmental Justice and Sustainable Development in Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SW-623 Social Innovations</td>
<td>3</td>
<td>SW-625 Program Planning and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>SW-627 Implications of Social Justice and Human Rights for Social Work</td>
<td>3</td>
<td>SW-641 Field Practicum IV CI</td>
<td>3</td>
</tr>
<tr>
<td>SW-631 Field Practicum III CI</td>
<td>3</td>
<td>SW-669 Applications of Social Justice and Human Rights in Social Work</td>
<td>3</td>
</tr>
</tbody>
</table>

Semester Credits: 15 Semester Credits: 15
Total Credits: 54

Admission Requirements

1. Possession of a baccalaureate degree with a 2.75 overall GPA and a 3.0 GPA in the undergraduate major. Social Work is grounded in the liberal arts and contains a coherent, integrated, professional foundation in social work (CSWE Accreditation Standards). MSW applicants with a baccalaureate degree are required to have a strong liberal arts background in English, Math and Psychology (none of these courses can be a College Level Examination Program; they must be taken as college-level, credit-bearing classes). The program also prefers courses in History, Sociology, Political Science, Anthropology, and Economics.

2. Three completed Monmouth University School of Social Work recommendation forms. Recommendations must be from an academic or professional source; it cannot be from friends and/or relatives.


4. Candidates for Advanced Standing must have a BSW from an accredited program within six years of the date of application, fulfill GPA requirements, and submit the Monmouth University Advanced Standing Field Evaluation form.

5. Candidates for Advanced Standing must have completed a course in statistics within the last six years.

6. In instances where the admissions committee has questions about an applicant’s references, personal statement, or academic record, the applicant may be required to attend an interview as part of the admissions process.

Graduate Certificate Clinical Social Work Licensure (SW.CSW.GR.C)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-605</td>
<td>Clinical Practice with Families and Children</td>
<td>3</td>
</tr>
<tr>
<td>SW-626</td>
<td>Evaluation of Practice Effectiveness</td>
<td>3</td>
</tr>
<tr>
<td>SW-645</td>
<td>Clinical Social Work Assessment Diagnosis and Intervention Planning</td>
<td>3</td>
</tr>
<tr>
<td>SW-665</td>
<td>Advanced Clinical Practice with Children</td>
<td>3</td>
</tr>
</tbody>
</table>
Select 6 credits in clinical social work practice. 1,2 6
Total Credits: 18

1 Up to six credits may be waived if applicant completed six graduate credits in clinical social work courses at Monmouth University or at another CSWE accredited MSW program.

2 Evaluation of previous clinical courses for waiver will be completed by the MSW Program Director.

Admission Requirements

Applicants must have a completed MSW degree from a CSWE accredited program and be a Licensed Social Worker (LSW) for admission to the certificate program.

Graduate Certificate Play and Expressive Therapies (SW.PET.GR.C)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-665</td>
<td>Advanced Clinical Practice with Children</td>
<td>3</td>
</tr>
<tr>
<td>SW-672</td>
<td>Advanced Theory in Play Therapy</td>
<td>3</td>
</tr>
<tr>
<td>SW-673</td>
<td>Advanced Techniques in Play Therapy</td>
<td>3</td>
</tr>
<tr>
<td>SW-674</td>
<td>Play Therapy for Children at Risk</td>
<td>3</td>
</tr>
</tbody>
</table>
Select 6 credits from the following courses: 6

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-602</td>
<td>Domestic Violence</td>
</tr>
<tr>
<td>SW-628</td>
<td>School Social Work</td>
</tr>
</tbody>
</table>
STUDENT LIFE

The Division of Student Life at Monmouth University offers many important services for resident and commuter students, undergraduates, and graduate students as well. Staff members promote personal and intellectual growth through a variety of programs and services while aiding students in resolving problems and helping them transition to the college experience. The Student Handbook is available online and provides students with the policies and practices relevant to student life. Students should become familiar with the handbook at the start of every academic year.

Awards

Students are eligible for nonacademic awards that are given annually at the May Commencement.

Outstanding Student Award

The Student Government Association sponsors this award given to the graduating senior who, through creative leadership and ability, has made a contribution of lasting value to the future of Monmouth University. Students who are nominated must be in good standing with the University (i.e., academic, judicial, financial) in order to be considered for this award. The announcement of the winner takes place at the May Commencement.

Co-Curricular Programs

Athletics

Athletics constitute an integral part of a Monmouth University education. The NCAA Division I athletic program offers excellent opportunities for qualified athletes who wish to participate, and a special level of enthusiasm and excitement for the entire University community.

The athletics program fields men’s varsity teams in baseball, basketball, cross-country, football, golf, indoor track and field, lacrosse, soccer, swimming, tennis, and outdoor track and field. Women’s varsity teams participate in basketball, bowling, cross-country, field hockey, golf, indoor track and field, lacrosse, soccer, softball, swimming, tennis, and outdoor track and field.

Student Activities

The Office of Student Activities and Student Center Operations provides a variety of programs and opportunities that are intended to assist in the social, cultural, and intellectual development of our students. The office advises the Student Activities Board in providing a variety of entertainment and educational activities for the campus community. It encourages student participation in clubs and organizations, is involved in the coordination of campus and multicultural activities, provides leadership training for student organizations, coordinates the operation of the Student Center, and supports and provides weekend programming. The office also sponsors an Involvement Fair and provides student group and leader recognition opportunities.

Housing Options

Residents

The University offers a variety of housing options in fifteen locations: Beechwood, Cedar, Mullaney, Spruce, Willow, Laurel, Elmwood, Pinewood, Oakwood, Redwood, and Hesse Halls; as well as Maplewood Hall, the Garden, Great Lawn, and University Bluffs apartment complexes. Living styles include traditional room arrangements designated for first-year students; suite style, usually for first-year and upper-class students; and apartments for juniors and seniors. Residence halls are typically co-ed by floor/wing/room based on the building’s configuration, and the majority of students share double rooms. In an effort to make a comfortable match, new students are asked to complete a questionnaire before room assignments are made. First-year and sophomore housing is guaranteed for students who submit the required enrollment and housing deposits and housing contract by the required deadline; as well as out-of-state undergraduate students. For first-year students, the deadline is May 1. Graduate students are typically assigned to double occupancy assignments at the University’s owned or sponsored off-campus apartments based on space availability.

Each residential area is staffed by full-time professional Area Coordinators who reside on campus. Each hall is staffed by Resident Assistants, or Community Assistants, all of whom are intensively trained in providing assistance, information, activities, and programs for resident students. The Associate Vice President for Student Life, one Associate Director of Residential Life, and one Assistant Director of Residential Life reside near campus and provide additional, professional support for the Residence Life program.

All on-campus halls provide laundry facilities that utilize a smartphone app. All resident students not living in a University-owned or -sponsored apartment are required to be on a meal plan. These meal plans are not transferable and all meals are allocated to a single student. Students may choose either a carte blanche plan, which allows you unlimited access to the Residential Dining Hall, or one of three “block” meal plans, which provides students with a set number of meals for the semester. First-year students may not select a “block” lower than 195 until their sophomore year.

Depending on individual needs, cars may not be a necessary part of campus living, as everything is generally within walking distance of campus. Many students use bicycles to get around campus and the surrounding community. Parking is extremely limited and a parking decal purchased through MUPD is required. Students are discouraged from having cars on campus so they may fully experience university life and all that it has to offer.

Orientation

A student’s introduction to student life at Monmouth begins even before classes start. All new students participate in orientation programs designed specifically for their needs.

First-year Students

All new first-year students, commuters and residents, are expected to attend New Student Orientation. This structured program includes educational and social activities designed to ease the transition to college life at Monmouth and to give students opportunities to meet and interact with other new students. During orientation, students meet faculty, staff, and students with whom they’ll be interacting during the first year.

Throughout the academic year, many programs are offered to continue the transition process. The SHADOW Program, First-Year Service Project, leadership development opportunities, and social programming are led by the Coordinator of Transition and Leadership Programs.
Families of first-year students have the opportunity to learn about campus services through our Parent/Family Orientation. In the fall parents/families are invited to campus to participate in Family Weekend, which traditionally takes place in late September or October.

Transfer Students
The Center for Student Success (CSS) coordinates the connections between transfer students (with eighteen or more credits) and their academic departments to ensure a smooth transition to Monmouth University. In addition to their assigned faculty advisors, the CSS serves as another level of support for their transition to Monmouth University. We encourage all incoming transfer students to attend transfer orientation, which is coordinated by the CSS prior to each semester. Orientation programs afford new transfer students the ability to connect with their peers and to learn about resources to guide their progress toward graduation and life after Monmouth.

Societies
Greek Letter Organizations
Currently there are 14 fraternities and sororities at Monmouth University.

The student organizations contained within this list are the only fraternities and sororities with official recognition by the University. Any other fraternity or sorority not having University recognition is not one that is supported by the University.

The fraternities include:
- Lambda Theta Phi Latin Fraternity, Inc.
- Omega Psi Phi Fraternity, Inc.
- Phi Kappa Psi
- Sigma Pi
- Sigma Tau Gamma, and
- Tau Delta Phi.

The sororities include:
- Alpha Kappa Alpha Sorority, Inc.
- Alpha Omicron Pi
- Alpha Sigma Tau
- Alpha Xi Delta
- Chi Upsilon Sigma National Latin Sorority, Inc.
- Delta Phi Epsilon
- Lambda Theta Alpha Latin Sorority, Inc., and
- Phi Sigma Sigma.

Honor Societies
Academic departments sponsor honor societies to give recognition to outstanding scholarship in a particular area. Student Life does not oversee academic honor societies.

Omicron Delta Kappa, a national leadership society, recognizes upperclass students who have demonstrated leadership on campus. Phi Eta Sigma is a freshman leadership honor society acknowledging academic excellence and involvement in student activities.

The Gamma Sigma Alpha, National Greek Academic Honor Society, recognizes fraternity and sorority members who have achieved high levels of academic success.

Student Code of Conduct
Monmouth University offers its students the opportunity for maximum intellectual and personal growth by providing a variety of experiences, activities, and services that are designed to complement classroom work and provide opportunities for individual maturation.

The University recognizes and respects the students’ personal freedom and assures maximum individual liberty within the limits necessary for the orderly operation of the University. In response, students must observe rules and regulations necessary for the proper functioning of the institution.

Each individual has the right and responsibility to bring to the attention of an administrative or Student Government official any violations of personal freedom or the regulations of the University.

Additional information regarding the Student Code of Conduct is contained in the Student Handbook. The Student Handbook (http://www.monmouth.edu/studenthandbook/) is available online.

Student Organizations
There are more than 125 different clubs and organizations on campus. Active involvement in a club or organization helps a student develop new leadership skills, career skills, and meet new friends. Students can select from clubs related to their majors or take the opportunity to join something related to a special interest or hobby. All groups are student-developed and student-run. Each year the Office of Student Activities and Student Center Operations hosts an Involvement Fair to assist students in getting connected to a club or organization. Students should check the Experience Monmouth app, the bulletin boards, social media sites, e-mail, electronic boards, and the student newspaper (The Outlook) to learn more about club activities throughout the year.

Student Center
An integral part of Monmouth’s overall campus life program, the Student Center serves as a gathering area for all segments of the University community. It is an area where students meet informally and formally to share common interests and develop friendships. The Student Center includes dining facilities, lounges, ATM, computer labs, and meeting rooms, and is the site of many campus and community events. The facility also houses the Student Government Association, the Student Activities Board, and many student organization offices.

The Student Center is the site of many student services offices including, but not limited to, the Division of Student Life, the Center for Student Success, First Year Advising, Student Activities/Student Center Operations, Judicial Affairs, Central Scheduling, the Office of Off-Campus and Commuter Services, Conference Services and Special Events, Office for Disability Services, Student Support and Veteran Services, Office of Counseling and Psychological Services, and the Office of Fraternity and Sorority Life.

Student Activities Board
The Student Activities Board (SAB) is a student organization advised by the Office of Student Activities and Student Center Operations. Concerts, speakers, comedians, bus trips, novelty programs and festivals
are among the many events sponsored. The SAB presents numerous opportunities for students to get involved both as spectators and as active board members. Students can join nine committees, which include: Novelty, Awareness, Diversity Programs, Special Events, Comedy, Concerts, Festivals, Travel and Tour, and Major Concerts. Involvement in SAB may relate to a student’s major or may just be for fun.

**Cultural Activities**

The Department of Music and Theatre Arts, housed in the Lauren K. Woods Theatre, offers a wide ranging schedule of concerts, recitals, and theatrical productions during the academic year, and a professional theatre, the Shadow Lawn Stage, in the summer. The department offers performance opportunities in concert chorus, chamber choir, glee clubs, chamber orchestra, jazz band, and pep band. Applied music study is offered to all students in voice, piano, woodwinds, brass, guitar, strings, and percussion.

The award winning Center of the Arts presents a rich array of performances by nationally and internationally recognized artists in dance, theatre, contemporary, classical, and folk music; as well as children’s theatre, film screenings, visiting writers, gallery exhibitions, live screenings of the Met Opera, the National Theatre of London, the Bolshoi Ballet, and much more! Students receive a FREE ticket for two performing arts events each semester; all other events are free or $5. For more information and a full schedule of events, please visit Monmouth Arts (http://www.monmouth.edu/arts/).

While Monmouth has no religious affiliation, it does recognize the important place that religion has in the lives of many of its students. The Catholic Center, the Muslim Student Association, and Chabad are all active on campus. In addition, churches and synagogues representing the major religious faiths are within convenient reach of the campus and are available for services and personal counseling. A listing of area places of worship is available at the Office of Student and Community Services.

**Recreation**

The William T. Boylan Gymnasium provides facilities to support intramurals and recreation, including a swimming pool, two full basketball courts, and a bowling center. Outdoor facilities available to students for their recreational use include: tennis courts, an eight-lane track, Field Turf football/lacrosse, and soccer fields.

There is a year-round Intramural Sports Program, which includes games and sports such as basketball, dodgeball, flag football, softball, volleyball, three-point contest, knockout, Baggo, and soccer. The Wellness Program includes personal training and group fitness classes like Zumba, Yoga, Bootcamps, Abs Legs and Butt, and Kickboxing. There are many club sports on campus that include ice hockey, dance, men’s and women’s soccer, men’s and women’s lacrosse, field hockey, wrestling, women’s volleyball, track and field, e-sports, sailing, boxing, softball, baseball, and men’s basketball.

**Student Services**

**Commuters**

There are traditional, non-traditional, full-time, part-time, graduate, and undergraduate students who commute to campus every year. Monmouth University recognizes commuter students are unique and have needs that the University supports each semester. The Office of Off-Campus and Commuter Services (OCCS) is available to provide resources, advocacy, and guidance to all commuter students who attend Monmouth University. Incoming first-year commuter students are offered guidance and support as part of the Commuter Student Mentor program, in which they have the opportunity to request a mentor during new student orientation. Commuter students who are interested in getting involved are encouraged to contact the Office of Student Activities by calling 732-571-3586 or any of over one hundred recognized clubs that are listed in the Monmouth University Student Handbook.

There are a wide range of extra-curricular events and leadership opportunities that take place every semester, and programs are planned so commuters can participate during the day. Commuters can choose from a number of meal plans operated by Gourmet Dining. Commuter students can access breakfast, lunch, dinner, and late-night dining options at a number of locations on campus. The locations include the Rebecca Stafford Food Court, a Dunkin’ Donuts, Magill Commons Dining Hall, Plangere Center, Bey Hall Express, and a Convenience Store in Hesse Hall. Declining balance, cash, Visa, and MasterCard are available for use at all dining locations on campus; however, we recommend students consider purchasing a meal plan through the University. The Office of Residential Life administers both resident and commuter student meal-plans and can be reached by phone at 732-571-3465. Commuter students will find parking at any time of the day or night and they are not required to pay a fee for a parking decal. For more information, contact OCCS at 732-263-5651 or refer to the Office’s Web site (http://www.monmouth.edu/commuter/).

**Health Services** is open to all students whether they live on or off campus. All students, aged thirty (30) years or younger, must show proof of two measles, two mumps, and one rubella immunization and if taking nine (9) or more credits must show proof of having completed the Hepatitis B series. All commuter students ages 18 years and younger must show proof of vaccination with the quadrivalent (covering four strains) meningitis vaccine on or after the 16th birthday. All resident students, regardless of age, are required show proof of vaccination with the quadrivalent meningitis vaccine on or after the 16th birthday. There is no fee to be medically evaluated. Students are responsible for any costs that may be incurred for outside referrals, prescriptions, special services, laboratory, and diagnostic procedures. For the 2020-2021 academic year, students will be seen on an appointment only basis. Same day appointments will be available. To schedule an appointment, students need to call Health Services at 732-571-3464. Requests for an appointment can also be made through the private and secure Student Health Portal. Students will be triaged via telephone to determine need for COVID-19 testing, telehealth services and in-person services. Students will need to complete the COVID-19 Symptoms Tracker found in the Student Health Portal prior to an appointment with Health Services. Services include: COVID-19 testing, diagnosis and treatment of common ambulatory illnesses and injuries, immunizations, allergy injections, physicals, GYN services, psychiatric evaluation, and medication titration. Psychiatric services will be delivered on a HIPAA secured telepsychiatry platform.

The Health Center hours during the academic semester are: Monday through Thursday, 8:00 a.m. to 6:00 p.m., and Friday, 8:00 a.m. to 5:00 p.m. Hours may be subject to change.

Health Services is staffed with four nurse practitioners, a nurse practitioner/director, a part-time general practitioner physician, and a part-time psychiatrist. Monmouth Medical Center, a community teaching hospital, offers complete medical and psychiatric services and is within a mile and a half of the University.
Counseling and Psychological Services (CPS) assists students in their personal growth and development through psychological counseling and psycho-educational programming. Free, confidential psychological counseling is available to all Monmouth University students. Psychological services are provided by licensed counseling professionals or graduate-level trainees, supervised by licensed professionals. Through collaborations with Monmouth Medical Center and other local agencies, 24-hour services are available for mental health crises. The office also collaborates closely with various departments on campus.

Students may call 732-571-7517 to schedule an appointment for personal counseling or to request additional information. CPS is open Monday through Friday from 8:45 am to 5:00 pm. For additional information, students may also e-mail CPS (mucounseling@monmouth.edu) directly. Additional information can also be found on the CPS Web site (http://www.monmouth.edu/counseling/). The office is located on the third floor of the Rebecca Stafford Student Center.

The Global Education Office provides assistance to students and faculty from other countries with their adjustment to life in the United States and Monmouth University. The Assistant Director for International Students and Faculty Services and the International Student Advisor are available to provide immigration counseling, academic and career planning support, and access to extra-curricular activities such as the International Club.

The Office of Student Support and Veteran Services serves two primary functions. One is to work with students that are experiencing some difficulty or challenge outside of the classroom that may prevent them from being a successful student. The second is to serve as a primary point of contact for student veterans, active duty personnel and dependents of military personnel at the University and to coordinate a comprehensive program of support and advocacy services. This position also serves as the University’s School Certifying Official for verification and eligibility of veteran benefits. Office hours are Monday through Friday from 8:45am to 5:00pm. You may reach the office at 732-263-5258 or via email at veteraninfo@monmouth.edu.
DIRECTORIES

Officers
Chair: Jeana M. Piscatelli, ’01, ’02M
Vice Chair. John A. Brockriede, Jr, ’07, ’10M
Vice Chair: Leslie Hitchner
Treasurer: Christopher Maher
Secretary: Denis J. Gallagher ’76

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Miles J. Austin, III ‘18 (2020)
Austin Family Foundation

Michael V. Benedetto, Esq. ’90 (2019)
President/Managing Shareholder
Ansell Grimm & Aaron, PC
Ocean Township, NJ

John A. Brockriede, Jr., ’07, ’10M (2015)
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Legacy Management Group, LLC
Long Branch, NJ

Tasha A. Youngblood Brown ’97, ’03M (2020)
Managing Director
U.S. East Higher Education Leader, Ernst and Young
Iselin, NJ

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Brick, NJ

Mary Vaden Eisenstadt (2018)
Chief Executive Officer and Founder
MVs Best LLC
Red Bank, NJ

Denis J. Gallagher ’76 (2019)
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Grunin Foundation
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Leslie Hitchner (2017)
Rumson, NJ

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President and CEO Klose Associates
West Long Branch, NJ

President
Monmouth University
West Long Branch, NJ

Nancy A. Leidersdorff ’97 (2015)
Sr. Vice President Media 7 Creative Strategy,
Viacom/Nickelodeon Networks
New York, NY

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President of Care Transformation Services
and Physician Practices
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Brick, NJ

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OceanFirst Bank
Red Bank, NJ

Lisa McKean (2015)
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Keasbey, NJ

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Chairman/CEO/President
EPS Corporation
Tinton Falls, NJ

President
Najarian Associates, Inc.
Eatontown, NJ

Jeana M. Piscatelli ’01, ’02M (2010)
Senior Vice President/Director of Cash Management
OceanFirst Bank
Red Bank, NJ

Michael A. Plodwick ’82 (2009)
Middletown, NJ

Christopher Shaw (2018)
Managing Director
Morgan Stanley
Red Bank, NJ

Mark J. Skesavage ’11M (2021)
VP Finance
JMS Plastics Supply, Inc.
Neptune, NJ

Carol A. Stillwell (2021)
President/CEO
Stillwell-Hansen, Inc.
Edison, NJ

Webster B. Trammell, Jr., PsyD ’70, ’73 (2013)
Middletown, NJ
James S. Vaccaro, III  
Chairman, President and Chief Executive  
Officer of Manasquan Bank  
Wall Township, NJ  

Life Trustees  
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The Hesse Companies  
Atlantic Highlands, NJ  

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Senior Partner  
Public Strategies Impact, LLC  
Trenton, NJ  

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President  
Monmouth Capital  
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Trustees Emeriti  
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Boca Raton, FL  

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Woodbridge, NJ  

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Arrowpac, Inc.  
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Rumson, NJ  

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Fair Haven, NJ  

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Atlantic Highlands, NJ  

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Senior Vice President  
RBC Wealth Management  
West Palm Beach, FL  

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President  
Mercer Capital Advisors, Inc.  
Little Silver, NJ  

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Palm Beach Gardens, FL  

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Senior Lead Engineer  
Mantech Advanced Systems International, Inc.  

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President  
SJP Properties  
New York, NY  

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President  
Navesink Associates, LLC  
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Former Presidents  
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Eugene H. Lehman (1956-1957)  

Edward G. Schlaefer (1957-1962)  

William G. Van Note (1962-1971)  

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President Emeritus  

Rebecca Stafford, PhD (1993–2003)  
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Paul G. Gaffney, II (2003-2013)  
President Emeritus  


President Emeritus  

Administration  
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Vice President for University Advancement
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B.S., Monmouth University

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B.A., John Jay College of Criminal Justice;
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Director of Internal Audit
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Director of Human Resources
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Director of HRIS, Employment and Communications
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Director of Employee Benefits
B.A., Monmouth University

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Manager of Recruiting and Staffing
B.S., Georgian Court University

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Academic Affairs

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Assistant Director of Global Education
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Center for Excellence in Teaching and Learning (CETL)  
Jennifer M. Brill, Ph.D. (2017)  
Director of the Center for Excellence in Teaching and Learning (CETL) and Online Instruction  
B.S., Boston College; M.Ed., Pennsylvania State University;  
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Center for Student Success  
Alexis Appezzato (2018)  
Disability Specialist  
B.S., Ramapo College of New Jersey  
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Interim Director of Disability Services for Students  
B.A., Marist College;  
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Assistant Director of Disability Services  
B.A., University of California, Santa Cruz;  
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Director, Tutoring Services  
M.S.Ed., Walden University  
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Professional Academic Advisor  
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Coordinator of First Year Advising  
B.A., Livingston College, Rutgers University;  
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Elizabeth O'Brien (2006)  
Director; Educational Opportunity Fund Program  
B.S., State University of New York College at Oneonta;  
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Director for Supplemental Instruction, Retention, and General Education Assessment  
B.S., Allegheny College;  
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Director of Transfer Student Services and Undeclared Services  
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M.A., Fordham University

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B.S., Bloomfield College

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B.A., Montclair State University

Office of Grants and Contracts  
Monique' Burger (2019)  
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B.S., Quinnipiac University

School Deans  
Steven Bachrach, Ph.D. (2016)  
Dean of the School of Science  
B.S., University of Illinois;  
Ph.D., University of California at Berkeley

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Dean of the School of Education  
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Dean of the School of Social Work  
B.S.W., College of Misericordia;  
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Interim Dean of the Wayne D. McMurray School of Humanities and Social Sciences
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Assistant Dean
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Director of the Polling Institute
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Vaune Peck (1987)
Director, Center for the Arts
B.A., M.A., Monmouth University

Guggenheim Memorial Library
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B.S.N., M.S.N., University of Medicine and Dentistry of New Jersey

Medical Director of the Physician Assistant Program
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B.S., Boston College
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Director of Professional Development and Special Projects
R.N., Anne May School of Nursing; B.A., Monmouth University; M.A., Montclair State University; M.S.N., Monmouth University

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Steven Bachrach, Ph.D. (2016)
Dean of the School of Science
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Assistant Dean of the School of Science
Director of the Marine and Environmental Biology and Policy Program
B.S., Upsala College; M.S., Florida Institute of Technology

Anthony MacDonald, Esq. (2005)
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Assistant Director of Field Education
B.S.W., M.S.W., Monmouth University, L.C.S.W.

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Assistant Director of Field and Professional Education
B.A., Rider University; M.S.W. Monmouth University, L.S.W.

Honors School
Dean of the Honors School
B.A., Vassar College; M.A., Ph.D., Michigan State University

Finance
Vice President for Finance
B.S. in Business Administration, Seton Hall University; C.P.A., NJ

Deborah Palmer (1993)
Assistant to the Vice President for Finance

Mary Byrne (2014)
Associate Vice President and Controller

B.S., Saint Peter's University; M.B.A., Rutgers University; C.P.A., NJ

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Assistant Vice President for Financial Reporting
B.S., Montclair State College; C.P.A., NJ

Josephine Estelle (2001)
Director of Treasury Operations
B.S., Georgian Court College

Jonas Javier (2007)
Bursar
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Assistant Vice President for Treasury Operations
B.B.A., Suffolk University; M.B.A., Monmouth University

Mohieb Mohsen (2010)
Manager of Student Financial Services
B.A., Cairo University

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Accounts Payable Manager
A.A., Brookdale Community College

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Grant Accountant
B.S., St. Peter's University

Patricia Curtis (2006)
Central Box Office Manager
B.A., Montclair University

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Senior Accountant
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Ellen Dombroski (1997)
Assistant Vice President for Finance and Budgets
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Mark Miranda (2005)
Director of Purchasing
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Manager of the University Store
B.S., Boston University; M.S., Thomas Edison State University

David Tsang (2012)
Digital Print Center Manager
B.A., Syracuse University

Joseph Pingitore (2018)
Associate Vice President for Finance and Budgets
B.S., Monmouth University; M.B.A., Southern New Hampshire University

Sheila McCormick, Assistant Bursar (2007)
B.S., Monmouth University
Deirdre O'Donnell, Accountant (2019)
B.S., The College of New Jersey
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Accountant
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Information Management
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Vice President for Information Management
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Assistant to the Vice President for Information Management

John Cavallo (1997)
Director, Information Logistics and Security
B.A., M.A., Monmouth University

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Software Licensing Administrator
Assistant LMS Administrator

Information Support
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B.S., University of Connecticut; M.S., Monmouth University

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Multimedia Design and Development Specialist
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Director of Computer Support
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Karen M. Blaney (2007)
Enterprise Application Support Specialist

Computer Systems Analyst

Robert Coles (2007)
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Director of Instructional Support and Training
B.A., State University of New York, Albany;
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Instructional Designer
B.S., M.S., William Paterson University
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Instructional Technologist and LMS Administrator
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Computer Systems Analyst

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Computer Systems Analyst
PC, AGE Technical Institute

David Maseroni (2006)
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Computer Systems Administrator
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Director of Enterprise Application Support
B.A., Purdue University;
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B.S.E.E., Lehigh University;
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Information Operations
John Sonn (1988)
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James Allan (2004)
Systems Administrator
A.A., Brookdale Community College
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Director of Server Operations
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Eric Joyce (1999)
Director of Infrastructure Operations
Brick Computer Institute; B.A., Monmouth University

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B.A., Moravian College

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B.A., McDaniel College

Manager, Telecommunications

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**Student Life**

**Mary Anne Nagy (1986)**  
Vice President for Student Life  
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**James Pillar (1995)**  
Associate Vice President for Student Life  
B.S., Millersville University; M.B.A., West Chester University;  
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B.A., Glassboro State College; M.A., Rowan College

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Coordinator of Transitions and Leadership Programs  
B.A., University of Delaware; M.S., University of Tennessee, Knoxville

**Xochil Ramirez (2021)**  
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B.S., Stockton University; M.A., Rowan University

**Dean Volpe (1988)**  
Captain, Monmouth University Police

**Residential Life**

Associate Director of Residential Life and Housing Operations  
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Assistant Director for Residential Life and Judicial Affairs  
B.S., S.U.N.Y. Maritime College

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Area Coordinator  
B.A., Monmouth College (IL); M.S., Florida State University

**Tony Conard (2011)**  
Area Coordinator  
B.S., Loyola University;  
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**Nina Dacey (2016)**  
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**Student Activities**

**Amy Bellina (1994)**  
Director of Student Activities and Student Center Operations  
B.A., University of Pittsburgh;  
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**Tashir Hampton (2018)**  
Assistant Director of Student Activities  
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**Lindsay Smith (2016)**  
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**Conference Services and Special Events**

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Senior Director of Conference Services and Special Events  
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**Nicole Frame (2010)**  
Director of Conference Services  
B.S., The College of New Jersey;  
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**Megan McGowan (2010)**  
Special Events Manager  
B.S., M.S., Springfield College

**Counseling and Psychological Services**

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Director of Counseling and Psychological Services  
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**Fraternity and Sorority Life**

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Director of Fraternity and Sorority Life  
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**Tyler Droste (2019)**
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Health Services
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Director of Health Services
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University Clinician
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Off Campus and Commuter Services
Vaughn Clay (1994)
Director of Off Campus and Commuter Services
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University Advancement
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Vice President for University Advancement
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Director of Development
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B.S., Rutgers University

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B.A., College of St. Rose
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Director of Corporate and Foundation Relations
B.A., M.A., CUNY, Staten Island;
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Associate Director for Career Development
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Director of Development
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M.B.A., Lynn University

Enrollment Management
Vice President for Enrollment Management
B.A., Penn State University; M.A., Arcadia University;
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Chief University Editor/Director of Executive Communications
B.A., Boston University; M.A., Monmouth University

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Digital Content Editor
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Graduate Admission
Lauren Vento Cifelli (2000)
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University Marketing and Communications
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Graphic Designer
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University Photographer
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Art Director
BA Communications, Stockton University

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Creative Project Manager
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Campus Planning and Facilities management
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A.A.S., Brookdale Community College; B.S., Monmouth University

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Construction Manager
B.S., Geneva College

Athletics
Jeff Stapleton (1990)
Director of Athletics
B.A. Hobart College

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Director of Aquatics
Assistant Men's and Women's Swimming Coach
B.A., Wake Forest University

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Team Doctor
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Assistant Track and Field Coach
B.S., Mount St. Mary's University

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Associate Athletics Director for Academic Support
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Associate Head Football Coach
B.A., Colgate

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Assistant Athletic Trainer for Men's Soccer and Baseball
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Head Men's Golf Coach
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Kevin Callahan (1992)
Head Football Coach
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B.A., Amherst College

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Senior Assistant to the Head of Men's Basketball Coach
B.S., Salem College, M.S., Syracuse University

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Associate Athletics Director for Event Management
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Associate Athletics Director for Recreation, Intramurals, Clubs, and Fitness Center
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Chris Collazo (2015)
Assistant Baseball Coach
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Assistant Track and Field Coach
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Assistant Softball Coach
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Head Baseball Coach
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Assistant Baseball Coach
B.S., Assistant Baseball Coach
B.S. Ramapo College
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Assistant Field Hockey Coach
B.A., Monmouth University

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Head Field Hockey Coach
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Brian Fisher (2012)
Head Men's Lacrosse Coach
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Associate Head Coach, Women's Soccer
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Assistant Men's Lacrosse Coach
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Head Club Women's Soccer Coach
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Associate Athletics Director Equipment Manager & Recreation

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Director of Men's Basketball Operations
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Head Coach, Women's Tennis
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Faculty

A

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C

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Kathleen Grant (2018)
Assistant Professor, Educational Counseling and Leadership (Graduate Faculty).
B.S., Wagner College; M.A., The College of New Jersey; Ph.D., Montclair State University.

Walter Greason (2012)
Associate Professor and Chair, Educational Counseling and Leadership (Graduate Faculty).
B.A., Villanova University; Ph.D., Temple University.

Susan Forquer Gupta (2006)
Associate Professor, Marketing and International Business (Graduate Faculty).
Director, MBA Program.
B.S., M.S., University of Missouri-Columbia; Ph.D., University of Tennessee-Knoxville.

Henry Han
Associate Professor, Computer Science and Software Engineering (Graduate Faculty).
Ph.D., University of Iowa.

John P. Hanly (2014)
Associate Professor, English (Graduate Faculty).
B.A., Georgetown College; M.A., University of Chicago; Ph.D., University of Louisville.

Wendy Harriott (2000)
Associate Professor, Special Education (Graduate Faculty).
Associate Dean, School of Education.
B.S., Bloomsburg University; M.S., Marywood College; Ph.D., Pennsylvania State University.

Adam Heinrich (2018)
Assistant Professor, Anthropology (Graduate Faculty).
B.S., M.A., Ph.D., Rutgers University.

Professor, Curriculum and Instruction (Graduate Faculty).
Dean of the School of Education.
B.S., Pennsylvania State University; M.Ed., Kent State University; A.D., Stark State College; Ph.D., Educational Psychology, Kent State University, Ohio.

Jeffrey Jackson (2012)
Associate Professor, English (Graduate Faculty).
B.A., Linfield College; M.A., Portland State University; Ph.D., Rice University.

Laura T Jannone (2003)
Associate Professor, Nursing (Graduate Faculty).
B.S.N., M.S., New Jersey City State College; Ed.D., Teachers College, Columbia University. NJ-CSN, FNASN.

Scott Jeffrey (2009)
Associate Professor, Management and Leadership (Graduate Faculty).
B.S.C., M.B.A., Santa Clara University; Ph.D., University of Chicago.

Assistant Professor and Mental Health Counseling Program Director, Professional Counseling (Graduate Faculty).
M.A., Monmouth University; Ed.D., Argosy University; D.M.H., Drew University.

Al Kamei (2018)
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B.A., M.S., Osaka Kyoiku University, Japan; Ph.D., The University of North Carolina at Greensboro.

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Rose Knapp (2010)
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B.A., State University of Plattsburgh; M.S., Seton Hall University; D.N.P., University of Miami, ACNP-BC.

Stacy Lauderdale-Littin (2011)
Associate Professor, Special Education (Graduate Faculty).
B.S., Clemson University; M.A., California State University, Northridge; Ph.D., BCBA-D, University of California, Riverside.

Xudong Daniel Li (2014)
Associate Professor, Accounting (Graduate Faculty).
B.E., B.S., University of Science and Technology of China, M.B.A., University of California, Ph.D., University of North Texas.

Peter Liu (1994)
Professor, Criminal Justice (Graduate Faculty).
B.A., M.A., Jilin University, China; Ph.D., Indiana University of Pennsylvania.

Brian Lockwood (2010)
Associate Professor and Graduate Program Director, Criminal Justice (Graduate Faculty).
B.A., The College of New Jersey; M.A., Ph.D., Temple University.

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Assistant Professor, English (Graduate Faculty).
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University; M.A., Ph.D., Purdue University.

Min-Hua Lu (1991)
Associate Professor and Chair, Marketing and International Business (Graduate Faculty).

Janet Mahoney (1995)
Professor, Nursing (Graduate Faculty).
R.N., St. Mary's Hospital; B.S.N., Monmouth University (Monmouth College); M.S.N., Seton Hall University; Ph.D., APN-BC, ENA-BC New York University.

Robin Mama (1992)
Professor, Social Work (Graduate Faculty).
Dean, School of Social Work.
B.S.W., College of Misericordia; M.S.S., Ph.D, Bryn Mawr College.

Colleen Manzetti (2012)
Associate Professor, Nursing (Graduate Faculty).
B.S., Rutgers University; M.S.N., Monmouth University; D.N.P, Samford, Alabama CNE, CNLCP.

Golam M. Mathbor (1999)
Professor, Social Work (Graduate Faculty).
B.S.S., M.S.S., Bachelor of Law (LLB), University of Dhaka, Bangladesh; M.S.W., McGill University; Ph.D., University of Calgary.

Ann Marie Mauro (2020)
Professor, Nursing (Graduate Faculty).
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Frederick McKitrick (1994)
Associate Professor and Chair, Art and Design, History (Graduate Faculty).
B.A., M.A., Ph.D., Columbia University.

Joseph McManus (2012)
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Marie Mele Thomas (2015)
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Christina Merckx (2017)
Associate Professor, Health Studies and Physical Education (Graduate Faculty).
B.S., Anderson University; M.S., University of Northern Colorado; Ph.D., University of Southern Mississippi.

Nancy J Mezey (2002)
Professor, Political Science and Sociology (Graduate Faculty).
Dean, Honors School.
B.A., Vassar College; M.A., Ph.D., Michigan State University.

Kenneth Mitchell (2006)
Professor and Chair, Political Science and Sociology (Graduate Faculty).
B.A., University of California; M.S., London School of Economics; D.Phi., Oxford University, United Kingdom.

Donald Moliver (1982)
Professor and Steven and Elaine Pozycki Endowed Professor Chair in Real Estate, Economics, Finance and Real Estate (Graduate Faculty).
Dean, Leon Hess Business School.
B.A., Fairleigh Dickinson University, M.A., Ph.D, Virginia Polytechnic Institute.

Laura J. Moriarty (2014)
Professor, Criminal Justice (Graduate Faculty).
B.A., M.A., Louisiana State University; Ph.D, Sam Houston State University.

Joseph Mosca (1987)
Associate Professor, Management and Leadership (Graduate Faculty).
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Mihaela Moscaliuc (2012)
Associate Professor, English (Graduate Faculty).
B.A., M.A., Al.I. Cuza University; M.A., Salisbury University; M.F.A., New England College; Ph.D., University of Maryland.

Roy Nersesian (1985)
Professor, Management and Leadership (Graduate Faculty).

Eleanor Novek (1996)
Professor, Communication (Graduate Faculty).
B.A., Georgia State University; M.A., Ph.D., Annenberg School of Communication, University of Pennsylvania.

Associate Professor, Economics, Finance and Real Estate (Graduate Faculty).
B.A., M.A., Ph.D., University of Wisconsin-Milwaukee.

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Professor, Educational Counseling and Leadership (Graduate Faculty).
B.A., University of Tampa; M.A., Ph.D., University of Nevada, Reno.

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Professor and Jules Plangere Jr. Endowed Chair in American Social History, History (Graduate Faculty).
B.A., Lake Forest College; Ph.D., Temple University.

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Professor, History (Graduate Faculty).
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Benedicte Reyes (2002)
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Maryanne Rhett (2008)
Professor and History Graduate Program Director, History (Graduate Faculty).
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B.A., Judson College; M.S., Northern Illinois University; Ph.D., University of South Florida.

Sarah Springer (2016)  
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Nancy Uddin (1999)  
Associate Professor, Accounting (Graduate Faculty).  
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Paul Urbanski (2013)  
Assistant Professor, Social Work (Graduate Faculty).  
B.F.A., University of Michigan; M.S.W., Columbia University; Ph.D., University of Albany, New York.

Professor, Anthropology (Graduate Faculty).  
Interim Dean, School of Humanities and Social Sciences.  
B.A., Drew University; M.A., College of William and Mary; Ph.D., University of Pennsylvania.

Lisa Vetere (2005)  
Associate Professor, English (Graduate Faculty).  
B.A., Siena College; M.A., St. Bonaventure University; Ph.D., Lehigh University.

Marina Vujnovic (2008)  
Associate Professor, Communication (Graduate Faculty).  
B.A., University of Zagreb; M.A., University of Northern Iowa; Ph.D., University of Iowa.

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Hettie Williams (2007)  
Assistant Professor, History (Graduate Faculty).  
B.A., Rowan University; M.A., Monmouth University; Ph.D., Drew University.

Charles Willow (2004)  
Associate Professor, Management and Leadership (Graduate Faculty).  
B.S., M.S., Hanyang University; M.S., Texas Tech University; Ph.D., University of Houston.

Kenneth Womack (2015)  
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B.A., Texas AM University; M.A., Texas AM University/Moscow Institute of Communication, U.S.S.R.; Ph.D., Northern Illinois University.

Chiu-Yin Wong (2011)  
Associate Professor, M.Ed. ESL Program Director, Curriculum and Instruction (Graduate Faculty).  
B.A., Brigham Young University; M.A., Ph.D., Texas Tech University.

Cui Yu (2002)  
Associate Professor, Computer Science and Software Engineering (Graduate Faculty).  
B.S., Nanjing University of Aeronautics and Astronautics; Ph.D., University of Singapore, Singapore.

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Associate Professor, Accounting (Graduate Faculty).  
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Associate Professor, Social Work (Graduate Faculty).  
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Assistant Professor, Curriculum and Instruction (Graduate Faculty).  
B.S., M.S., Bogazici University, Istanbul, Turkey; M.S., University of Amsterdam, Ph.D., Clemson University.

Ronald Zhao (2002)  
Associate Professor, Accounting (Graduate Faculty).
B.A., Fudan University, China; M.A., Shanghai Foreign Language Institute, China; Ph.D., Texas Tech University; C.P.A., C.M.A.

**Ling Zheng (2018)**
Assistant Professor, Computer Science and Software Engineering (Graduate Faculty).
B.S., Southern Medical University, Guangzhou, China; M.S., Zhejiang University, Hangzhou, China; Ph.D., New Jersey Institute of Technology.
GRADUATE COURSE DESCRIPTIONS

Anthropology (AN)

AN-CPE Anthropology Comprehensive Exam
Credits: None
Prerequisite(s): 30 graduate credits in Anthropology
Term Offered: All Terms
Course Type(s): None
The Anthropology comprehensive exam is a zero-credit course for students, which will allow students who have completed thirty credits of graduate coursework in anthropology to take a comprehensive exam and complete their degree. This is a pass/fail course.

AN-THD Thesis Defense
Credits: None
Prerequisite(s): AN-691 and AN-692
Term Offered: All Terms
Course Type(s): NOSRCH
A zero-credit course that is taken after completing AN-691 and AN-692. It consists of a public presentation of the student's completed thesis research. This is a pass/fail course.

AN-501 Anthropological Theory
Credits: 3
Term Offered: All Terms
Course Type(s): None
A seminar-style course that presents students with a survey of the theories that have shaped the thinking of anthropologists for over a century. We cover theories relevant to all four subfields of anthropology (cultural, archaeological, linguistic, and biological), and compare them through a very general set of questions. The five questions asked are 1) How does society hold itself together? (structure); 2) How does society change? (history); 3) How aware are people of their society and its changes? (subjectivity); 4) How are people able to change their society? (agency); and 5) How do people divide society into groups? (alterity).

AN-502 Seminar in Biological Anthropology
Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed to provide graduate students with a foundation in the core principles of biological anthropology. We will examine both theoretical issues and empirical evidence in order to better understand evolution of the human species. Topics that will be explored in this course include evolutionary theory, primatology, paleoanthropology and human variation. In addition, this course will examine contemporary issues in human biocultural evolution.

AN-503 Archaeological Theory
Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on theoretical issues, past and present, concerning the nature and explanation of culture, cultural reproduction and transformation through time, and the central role of materiality in those processes. As anthropological archaeology, the course is premised on the relationship of archaeology to anthropology and other socio-historical sciences. We will examine the development of archaeology as an academic discipline, the role of theory in interpretation of archaeological materials, and the key concepts of culture and time. The course will examine specific theoretical approaches including culture history, neo-evolutionary-functionalist-ecological approaches, neo-Marxist and materialist perspectives, processualism and postprocessualism, interaction theories (e.g., world systems theory), and contemporary approaches. These include practice/activity, contextual approaches, and other multivocal, feminist, and postcolonial theories of identity-formation in the past. The course will appeal to a wide range of social scientists, and particularly archaeologists, sociocultural anthropologists, and other disciplines working on issues of representation (e.g., museum professionals).

AN-506 Historical Archaeology
Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
An intensive introduction to historical and industrial archaeology (c. 1492+). Topics covered include exploration, imperialism, colonization, industrialization, and urbanism. Archaeological field methods and the interpretation of material culture are also introduced. Also listed as HS-506.

AN-507 Historic Artifact Analysis
Credits: 3
Term Offered: Fall Term
Course Type(s): None
A graduate-level seminar and lab on select material culture commonly recovered from historical archaeological sites. Artifact classes that are covered in the course include ceramics, glass, and a tobacco pipe. Students in the class will learn artifact identification, historical developments of artifact types, and archaeological methodology for dating and quantifying assemblages. The course also includes discussions on a variety of cultural aspects such as consumption, socio-economic status, gender, mercantilism, and other cultural behaviors in order to help put the artifacts into historical contexts and answer archaeological research questions.

AN-520 Field Methods in Archaeology
Credits: 3
Course Type(s): None
An introduction to archaeological field methods: survey and excavation. Students will also learn excavation procedures, descriptive note writing, and drawing, and be introduced to archaeological photography, mapping, reporting, conservation, and curation. Supervised fieldwork will be conducted on archaeological sites. Also listed as HS-520.

AN-522 Ethnographic Methods
Credits: 3
Term Offered: Spring Term
Course Type(s): None
An overview of ethnographic research design and methods employed in anthropology. Students will practice research design and methods, data analysis, and write-up techniques. Students will engage questions of ethics through research practice and theoretical discussion.
AN-524 Introduction to Geographical Information Systems (GIS)  
Term Offered: All Terms  
Course Type(s): None  
Provides both the theoretical and methodological background for proficient use of Geographical Information Systems (GIS). A multidisciplinary integration of theories and applications pertinent to both natural and social science research. Lectures and discussions will introduce the conceptual and methodological platform that is necessary to design, implement, and interpret GIS research. Weekly lab exercises will develop problem-solving skills and emphasize common research techniques in GIS. Students will also learn field techniques of spatial data collection. In sum, demonstrates how both GIS tools and a geographic perspective may be applied to a broad range of social and ecological research problems. Also listed as GO-524.

AN-530 Zooarchaeology: The Archaeology of Animals  
Term Offered: Spring Term  
Course Type(s): None  
Covers methods of faunal analysis and the application of the study of animal remains to broad topics of cultural study including subsistence, status, and ideology.

AN-532 Native American History and Prehistory  
Term Offered: All Terms  
Course Type(s): HSNW, HSWLD  
Examines North America’s native people in the area north of the Rio Grande. It combines North American prehistory with a historical overview of Native American experiences since contact. Evidence from archaeology, oral histories, and written sources are all presented. Challenges facing modern Native Americans are also examined. Also listed as HS-532.

AN-533 Cultural Resource Management Practicum  
Course Type(s): None  
Provides a hands-on introduction to and overview of cultural resource management archaeology (CRM), within the broader context of historic preservation. Students read about, discuss, and participate in actual historic preservation/cultural resource management projects in order to learn about current preservation practices.

AN-540 Psychological Anthropology  
Course Type(s): None  
An introduction to the subfield of psychological anthropology. Research and inquiry in psychological anthropology is rooted in two traditions. The first is culture and personality which is aligned with psychoanalytical thought; the second is cognitive anthropology which emphasizes cultural models of thought. A fundamental pursuit in psychological anthropology is the relationship between culture, behavior, and thought. Psychological anthropology seeks to understand the relationship between individual and sociocultural phenomena - between polar extremes such as personality and mind and society and culture. Explores how culture and psyche affect each other. Topics include: theoretical frameworks; culture and personality, human development, emotion, self, and mental illness.

AN-555 Ancient Technology  
Term Offered: Spring Term  
Course Type(s): None  
Provides an introduction to ancient technology/experimental archaeology. It examines the major theories and practices employed by experimental archaeologists. Students will develop skills in traditional technologies, e.g. flintknapping, pot firing, blacksmithing, and timber frame house construction.

AN-562 History of Maps and Mapping  
Term Offered: Spring Term  
Course Type(s): None  
Students will study the historical developments in cartographic technique, the development of mapping in different parts of the world, and the future of mapping in the computer age. Students will focus on the ways the events and ideology of a time period influence maps and mapping, and how in turn mapping influences history and ideology. Also listed as HS-562.

AN-563 The Amazon  
Term Offered: Spring Term  
Course Type(s): None  
An anthropological seminar focused on the Amazon region, with emphasis on how expert and lay knowledge about the Amazon has been produced and circulated.

AN-572 The History of Tourism  
Term Offered: Fall Term  
Course Type(s): HSEU, HSWLD  
Students will study the history of tourism in different parts of the world from political, social, cultural, geographic, and economic perspectives. This will include an examination of historical differences in tourist attractions, tourist behaviors, and impacts on tourist destinations and their people. Students will also study how historical memory and interpretation shapes the contemporary tourist experience, as well as questions concerning authenticity and tourism. Also listed as HS-572.

AN-573 Ecological Imperialism  
Term Offered: Spring Term  
Course Type(s): HSNW, HSWLD  
Ecological History will examine the relationship between human society(ies) and the natural world over recorded time. As an interdisciplinary exercise this class will draw on the natural sciences, anthropology, and history to better understand the biological, cultural, imperial, ethical, economic, religious, political, and global ramifications of the relationship between humanity and humanity’s “natural” surroundings. Also listed as HS-573.

AN-575 Civilizations of the Andes  
Term Offered: Spring Term  
Course Type(s): HSNW, HSWLD  
A survey of Andean history from the beginning of human settlement through the Inca Empire and the Spanish conquest to contemporary peasant society. The evolution and nature of pre-Columbian civilizations, focusing on Chavin, Paracas-Nazca, Huari-Tiahuanaco, Chimor, and the Inca; the social and political organization of the Inca empire; the Spanish conquest and its impact on native culture; contemporary social changes; and rural migration and the transformation of contemporary Andean society. Theoretical exploration of the developmental trajectory of Andean civilization. Also listed as HS-575.

AN-582 Applied Anthropology  
Term Offered: Fall Term  
Course Type(s): None  
Applied Anthropology is anthropology put to use - meaning using anthropological research and methods to solve practical problems. This is an advanced level survey course that pays attention to cultural viewpoints, methods and results. While exploring different areas of applied anthropology through the history of the discipline and contemporary research projects, we will study methods unique to this subfield. Practical information, advice and resource on career preparation and development will be offered. By the end of the course, students should be able to answer the question "How can I use anthropology in my future career?"
AN-585 Colonialism in Africa
Term Offered: Spring Term
Course Type(s): HSNW
Credits: 3
Analysis and appraisal of colonialism in Africa, reflecting on the political, economic, and sociocultural transformations that occurred in Africa between 1880 and 1960. Also listed as HS-585.

AN-587 Visual Anthropology
Term Offered: Spring Term
Course Type(s): None
Credits: 3
Deals with the aspects of visuality in culture and anthropology. A significant part of the course will be devoted to visual anthropology. We will learn about the development of visual anthropology as a discipline, the particular problems and challenges involved in practicing this type of ethnography, the evolution of ideas about accountability, representation, reflexivity and positioning in visual ethnographic methods. We will start with exploring the role of image in anthropology by considering the relationship between photography and ethnography, and continue to study ethnographic filmmaking, from Robert Flaherty's "Nanook of the North," (considered to be the first ethnographic documentary), to the development of Cinema Verite, to the emergence of indigenous media. Students will gain a nuanced understanding of the subject through weekly writing exercises, presentations, and in-class discussion. For a final project, students will write a long-form paper that will combine original research and visual analysis.

AN-591 Islam
Course Type(s): HSNW, HSWLD
Credits: 3
This course examines Islamic history, culture, and art across the world, including but not limited to the Middle East, North Africa, the Balkans, and the Americas. Thematic coverage will include religious/spiritual/ritualistic, political, cultural, and intellectual changes, as well as, imperialism, the rise of nation-states, and cultural interaction with traditionally non-Islamic lands and peoples. Also listed as HS-591.

AN-595 Anthropology Internship/Practicum
Term Offered: All Terms
Course Type(s): None
Credits: 3
Provides graduate students with the opportunity to gain substantive career experience and build specific applied skills by working in outside programs, institutions, agencies, and firms engaged in the fields of anthropology, museum studies, public history, and geography.

AN-598 Special Topics in Anthropology
Term Offered: All Terms
Course Type(s): None
Credits: 3
Allows students to study a specific aspect of anthropology. The subject matter varies from semester to semester, and depends on the professor who teaches the course. If a prerequisite is required it will be announced in the course schedule.

AN-599 Independent Study in Anthropology
Term Offered: All Terms
Course Type(s): None
Credits: 1-3
Reading and research leading to significant written work under the direction of a member of the anthropology faculty. Prior permission of the directing professor and department chair is required to take this course.

AN-691 Anthropology Thesis (Research)
Prerequisite(s): 15 credits in Anthropology
Term Offered: All Terms
Course Type(s): None
Credits: 3
Reading and research leading to significant written work, under the direction of a member of the anthropology faculty. This is a pass/fail course.

AN-692 Anthropology Thesis (Writing)
Prerequisite(s): 18 credits in Anthropology
Term Offered: All Terms
Course Type(s): None
Credits: 3
Reading and research leading to significant written work, under the direction of a member of the anthropology faculty. This is a pass/fail course.

AN-693 Anthropology Library Thesis
Prerequisite(s): 23 graduate credits in Anthropology
Term Offered: Spring Term
Course Type(s): None
Credits: 3
Reading and research leading to significant written work based on secondary sources, under the direction of Anthropology faculty members, for the completion of the Master's program in the History and Anthropology department. Each thesis will be supervised by a "first reader" and a "second reader." First readers must be full-time faculty with terminal degrees in the field. Registration for thesis credits is completed after a successful defense of a prospectus (thesis proposal). This is a pass/fail course.

Art (AR)

AR-597 Fine Art/Design Studio
Term Offered: Spring Term
Course Type(s): None
Credits: 3
Advanced study within a classroom setting in a number of creative disciplines. Emphasis to further the student’s knowledge base; unique approach to artistic investigation through advanced theory, research, technical experience, and critical dialog. Students must meet individually with the instructor at the beginning of the semester to discuss and define their creative work plan as a point of departure for critical discourse and grading.

AR-598 Special Topics: Art and Design
Term Offered: Spring Term
Course Type(s): None
Credits: 3
The subject matter varies with the curricula needs of the student and the professor. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Permission of the program director is required. If a prerequisite is required it will be announced in the course schedule.

AR-599 Independent Study in Art
Term Offered: All Terms
Course Type(s): None
Credits: 1-3
Independent study in a topic not substantially treated in a regular graduate course; weekly consultation. Prior permission of the directing professor and the chair of the department is required. For the course to count for credit toward a particular graduate program outside of the department of art and design, prior permission from the student's department chair must be obtained. The prerequisite varies with the topic.
**Biology (BY)**

**BY-521  Pathophysiology and Histology**  
*Credits: 3*  
*Term Offered: Spring Term*  
*Course Type(s): None*  
Focuses on pathogenesis of selected diseases leading to alterations of body structure and functions across the lifespan. Emphasizes the laboratory identification of vertebrate tissue. Students must earn a minimum of a B- in the course. Students who receive less than a B- will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B- will make students ineligible to continue in programs requiring this course. Also listed as NU-521.

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**Business (BU)**

**BU-588  Business Practice and Experience**  
*Credits: 1*  
*Prerequisite(s): 9 credits of graduate level courses*  
*Course Type(s): None*  
Provides the opportunity for MBA graduate students to obtain related experience in employment at a local company or institution with Monmouth University sponsorship. Available to MBA students who have completed at least nine credit hours of graduate courses at the 500-level with a minimum GPA of 3.00. Does not satisfy elective requirements; students may take this course a maximum of two times. Departmental approval is required to take this course.

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**Business Accounting (BA)**

**BA-513  Financial Accounting**  
*Credits: 1.5*  
*Term Offered: All Terms*  
*Course Type(s): None*  
This foundational course will address the basics of financial accounting, including the accounting cycle, from the analysis and recording of transactions to the compilation of the four basic financial statements, and introduce additional accounting procedures related to valuation of inventory and long term assets and other financial statement topics.

**BA-514  Managerial Accounting**  
*Credits: 1.5*  
*Term Offered: All Terms*  
*Course Type(s): None*  
This foundation course will equip students with a basic knowledge and understanding of managerial accounting theories and practices for management use. Topics covered include cost classification, the basics of product costing (job and activity-based), decisions based on cost-volume-profit (CVP) analysis, budgeting and performance evaluation.

**BA-588  Internship in Accounting**  
*Credits: 1-3*  
*Term Offered: All Terms*  
*Course Type(s): None*  
Provides the opportunity for MBA accounting track (and/or accounting concentration) students to apply classroom theory in practice through actual work experience in the accounting field. The course cannot be counted toward the MBA track or concentration requirements, but is recommended for those who do not have experience in the accounting profession. Students may take this course a maximum of two times (or a maximum of 6 credits). A minimum G.P.A. of 3.00 is required to take this course.

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**BA-598  Special Topics in Accounting**  
*Credits: 3*  
*Term Offered: Spring Term*  
*Course Type(s): None*  
The subject matter of this course varies according to the interest of the students and the professor teaching the course. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.

**BA-599  Business Research**  
*Credits: 3*  
*Course Type(s): None*  
Independent research in business administration in an area not substantially treated in a regular course offering. Under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

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**BA-610  Accounting for Managers**  
*Credits: 3*  
*Term Offered: All Terms*  
*Course Type(s): None*  
Accounting is the language of business. Managers are expected to have a minimum level of accounting and financial management skills that transcend all business disciplines. This course provides a foundation in financial planning, performance, control and financial decision making. It aims to develop students’ ability for comprehension, application, analysis, synthesis and evaluation of the concepts, terminology, measures, systems and techniques used in corporate management accounting, as well as professional ethics, which are of critical importance in today’s highly competitive business environment.

**BA-632  Business Income Tax**  
*Credits: 3*  
*Term Offered: Fall Term*  
*Course Type(s): None*  
This is the only graduate level income tax course currently offered at Monmouth. Our undergraduate version of this course covers two semesters. This course will emphasize tax research and planning for individuals. The purpose is to introduce graduate accounting students to a broad range of income tax topics. Because of the complexity and breadth of coverage, many topics will not be covered in great depth.

**BA-634  Selected Topics in Financial Accounting**  
*Credits: 3*  
*Prerequisite(s): BA-513*  
*Term Offered: Fall Term*  
*Course Type(s): None*  
This capstone course provides an intensive examination of accounting concepts and principles pertaining to the understanding of accounting cycle and preparation of major financial statements. It covers the accounting treatment of major classes of assets, liabilities and equities and related income accounts. This course is specifically structured to cover the fundamental issues traditionally taught in two intermediate accounting courses at the undergraduate level for graduate students without sufficient accounting background. It lays a sound foundation for students to pursue more advanced financial accounting practice and theory issues in contemporary context.
BA-636  Advanced Accounting Topics  Credits: 3
Prerequisite(s): BA-634
Term Offered: Spring Term
Course Type(s): None
This course in financial accounting has been developed to provide advanced knowledge and skills in various specialized and complex areas. It presupposes an extensive background in basic accounting theory. This course presents the specialized topics of business investments and combinations and consolidations, and an introduction to governmental and not-for-profit accounting. Relevant United States Generally Accepted Accounting Principles and United States Governmental Accounting Standards Board pronouncements will be considered. In addition, other topics relevant to the understanding of the current business and accounting environment (segment and interim reporting, foreign exchange transactions and partnerships, estates, trusts will be addressed).

BA-638  Auditing Practices and Cases  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Introduces the students to the auditing standards and procedures associated with the examination of financial statements. Successful completion of this course should enable students to understand the role and methods of the independent auditor and the legal and ethical environment within which the auditor functions.

BA-640  Advanced Topics in Financial Statement Analysis and Valuation  Credits: 3
Prerequisite(s): BA-610 and BF-612
Term Offered: Fall Term
Course Type(s): None
This course is designed to prepare students to interpret and analyze financial statements for tasks such as credit and security analyses, lending and investment decisions, and other decisions that rely on financial data. This course explores in greater depth financial reporting from the perspective of financial statement users. In addition, this course helps students understand some important and challenging accounting topics, such as cash flow analysis, pension analysis, lease analysis, accounting changes, financial instruments as liabilities and equity, etc.

BA-641  Advanced Accounting Information Systems  Credits: 3
Term Offered: Spring Term
Course Type(s): None
This course introduces the graduate Accounting student to how accounting systems are implemented in today's computer-intensive environment. The course also covers methods for developing and documenting Accounting Information Systems (AIS) and how to evaluate controls in these systems.

BA-642  Financial Accounting Review and Case Study  Credits: 3
Prerequisite(s): BA-610
Term Offered: Fall Term
Course Type(s): None
This course demands students to research, analyze, and communicate topics in accounting. Through the practice questions and case study, students will review the previous accounting courses and will learn about accounting research. Developing presentation skills is also a large component of the course.

BA-645  Tax Research  Credits: 3
Term Offered: Spring Term
Course Type(s): None
This course is designed to prepare students to research tax questions. All applicable sources of federal tax law will be used to formulate conclusions and professional recommendations.

BA-699  Business Research in Accounting  Credits: 1-3
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

Business Economics (BE)

BE-511  Microeconomics  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Provides MBA students with principles-level knowledge of microeconomics. Students will learn economic theory to analyze markets, competitive and noncompetitive firm behavior, market structure, government regulation and global trade.

BE-512  Macroeconomics  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Provides MBA students with principles-level knowledge of macroeconomics. Students will learn to determine the components and level of national income, applications to the problems of inflation, unemployment and economic stabilization. Students are introduced to the macroeconomic operation of a mixed economy such as the United States within the global economy. Topics include national income accounting, business cycles, inflation, unemployment, monetary and fiscal policies, national deficit and debt, exchange rates, balance of payments, balance of trade, global financial crises, and policy debates.

BE-571  Economic Policy in Society  Credits: 3
Term Offered: Spring Term
Course Type(s): MBA.E
The factors that determine the level of national income, employment, and business activity; the relationship of government in the productive system in establishing economic goals and objectives and its role in making policy.

BE-575  Analysis and Forecasting  Credits: 3
Prerequisite(s): BM-518 or equivalent
Term Offered: Spring Term
Course Type(s): MBA.E
Identification, analysis, and appraisal of forces influencing the course of economic activity; evaluation of theories and models of cycles and growth; and various forecasting and projecting techniques.

BE-598  Special Topics: Economics  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student’s permanent record.

BE-599  Business Research  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.
### Business Finance (BF)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Term Offered</th>
<th>Course Type(s):</th>
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<tbody>
<tr>
<td>BF-515</td>
<td>Financial Markets</td>
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<td>BF-516</td>
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<td>BF-520</td>
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<td>BE-511, BE-512, and BM-518</td>
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<td>BF-525</td>
<td>Real Estate Analysis</td>
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<td>BF-611</td>
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<td>BF-625</td>
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<td>BF-630</td>
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**Notes:**
- **Course Type(s):** MBA.E, MBA.I, MBA.R, MBA.T
- **Term Offered:** All Terms, Spring Term, Autumn Term, Summer Term
- **Credits:** 1.5, 3
- **Prerequisite(s):** Listed above each course
- **Course Type(s):** None, MBA.E
- **Subject matter varies:** according to the interest of the students and the professor.
- **The exact nature of the topic covered:** is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.
BF-632  Financial Markets and Risk Management  Credits: 3
Prerequisite(s): BE-511, BE-512, BF-515, BF-516; and BF-612 passed with a grade of B or higher.
Term Offered: Fall Term
Course Type(s): MBA.E
You will learn about the theories, nature and environment of financial institutions and markets of the United States, especially as it relates to activities of the Federal Reserve System. It includes financial intermediaries, the central and commercial banking systems, the determination of the money supply and interest rates, and an introduction to international financial activities.

BF-650  International Finance  Credits: 3
Prerequisite(s): BE-511, BE-512, BF-515, BF-516; and BF-612 passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): MBA.E, MBA.I
Study of international foreign exchange, international equity markets, bond pricing, and currency derivatives. Emphasis on international diversification and the role of emerging markets.

BF-698  Special Topics in Finance  Credits: 3
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.

BF-699  Independent Study in Finance  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

Business Healthcare (BH)

BH-599  Independent Study in Healthcare Management  Credits: 3
Prerequisite(s): BH-571, BH-572, and BH-573
Term Offered: Spring Term
Course Type(s): None
Independent research in healthcare management in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member with the permission of the Program Director.

BH-698  Special Topics in Health Care  Credits: 3
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student's permanent record. If a prerequisite is required it will be announced in the course schedule.

Business Law (BL)

BL-598  Special Topics in Business Law  Credits: 1-3
Term Offered: Spring Term
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.

BL-599  Independent Study in Business Law  Credits: 1-3
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

BL-631  Legal Environment of Business  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Fundamentals of contracts, constitutional law, criminal law, tort, business organization, agency, employment, property UCC transactions: sales contracts (Articles 2 and 2A), negotiable instruments and banking (Articles 3 and 4), secured transactions (Article 9); debtor-creditor relations, decedents' estates, securities regulation and accountants' malpractice and liability.

Business Management (BM)

BM-510  Business Analysis, Research and Communication  Credits: 3
Term Offered: All Terms
Course Type(s): None
Skills in critical reasoning and communication are honed by learning fundamentals of rigorous business research through framing and exploring hypotheses on unstructured business problems.

BM-512  Entrepreneurship and Innovation  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Explores the practical skills and knowledge needed to create and manage an entrepreneurial venture. Specifically the course develops students’ capabilities to identify opportunities, create a novel business concept, research venture feasibility, plan and marshal the resources to launch a venture, as well as manage innovation as a core competence.

BM-517  Introduction to Management  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Designed to introduce MBA students to the basics of management and management practices. This course is intended for students who have not had sufficient academic or practical background in management.

BM-518  Introduction to Statistics  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides a graduate school introduction to the methodology and tools of statistics required by today's managers. Topics include graphical representation of data, descriptive statistics, probability, binomial and normal distributions, sampling, inferential statistics, confidence intervals, hypothesis testing, analysis of variance, and single and multiple regression analysis. Microsoft Excel is used extensively in class, and students should have a very basic familiarity with the software.
BM-519 Production and Operations Management
Prerequisite(s): BM-518 or equivalent
Term Offered: All Terms
Course Type(s): None
Application and adaption of current managerial methods for the production of goods and services, employing qualitative and quantitative analyses of allocating such production factors as human resources, materials, and technology in the context of optimizing performance.

BM-520 Management Information Systems
Term Offered: All Terms
Course Type(s): MBA.T
A survey of the concepts of management information systems and the information needs of management. A user-oriented introduction to the fundamentals of information systems and their integration into business organizations. Not eligible to students who have successfully completed MIS-623 or SE-623.

BM-521 Seminar in Electronic Commerce
Term Offered: Spring Term
Course Type(s): None
Provides an overview of the managerial side of e-commerce for the purpose of discussing the strategic and managerial implications of this new and emerging phenomenon. The technological and business possibilities for commerce using information technologies and networks will be explored in terms of their value-adding potential to current business practices, as well as the development of new products and/or services.

BM-565 Management of Technology
Term Offered: Spring Term
Course Type(s): MBA.T
Study of the management of the technological innovation process and internal entrepreneurship; major topic areas include: technology strategy, technological evolution, strategic alliances, and new product development.

BM-598 Special Topics in Management
Course Type(s): None
Subject matter varies according to the interest of the students and the professor teaching the course. The exact nature of the topic covered is indicated in the student's permanent record. If a prerequisite is required it will be announced in the course schedule.

BM-599 Business Research: Management
Term Offered: All Terms
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

BM-613 Managing and Leading in Organizations
Prerequisite(s): BM-517
Term Offered: All Terms
Course Type(s): None
This course is designed to further develop students' understanding of the concepts of management and leadership within the complex framework of modern business.

BM-620 Management Science and Business Analytics
Prerequisite(s): BM-518 and BM-519
Term Offered: All Terms
Course Type(s): MBA.Q
Provides a graduate school introduction to the methodology and tools of Management Science and Business Analytics that are a necessity for all of today's managers. Students will learn how to model, design and analyze systems. Excel will be used for quantitative analysis and decision-making tools. Students will also learn how to organize, sort and sift through high levels of data in order to make a decision. Also listed as DS-660.

BM-622 Applied Information Systems Management
Prerequisite(s): BM-518
Term Offered: All Terms
Course Type(s): MBA.Q, MBA.T
Value creations through many applications of data, information, and knowledge are one of the primary objectives of modern business organizations. Applied Information Systems Management focuses on the development of data management skills, which serve as the foundation for extension of learning in the areas of data mining, knowledge management, geographical information systems, and intelligent information systems for business. Emphasis is placed on gaining the ability to organize, sort, and sift through high levels of data in order to make an informed and accurate decision.

BM-630 Project Management
Prerequisite(s): BM-519 or equivalent
Course Type(s): None
Advanced coverage of both the qualitative and quantitative aspects of effective project management. The project life cycle phases of initiating, planning and design, executing, monitoring and controlling, and closing projects will be extensively covered from an applied managerial perspective.

BM-631 Logistics Supply Chain Management
Prerequisite(s): BM-517, BM-518, and BM-620 or BM-622
Term Offered: Summer Term
Course Type(s): None
Logistics is an integrative activity uniting suppliers, providers of goods and services, and customers with logistical and supply chain systems binding global participants to fulfill their common interest in a most effective manner.

BM-635 Human Resource and Organizational Development
Prerequisite(s): BM-517
Term Offered: Spring Term
Course Type(s): MBA.B
Examination of the practices and problems associated with staffing, managing, evaluation, and organizational development. Examination of the practices and problems associated with staffing, leading, and organizational sustainability.

BM-650 International Business
Prerequisite(s): BM-613
Term Offered: All Terms
Course Type(s): MBA.I, MBA.B
The factors unique to international/global business in both the external environment (cultural, political, legal, technological, economic, financial) and the internal functional decisions made by the firm for sustainable strategic growth, while identifying risk.
BM-660 Corporate Governance and Organizational Ethics Credits: 3
Prerequisite(s): BM-517
Term Offered: All Terms
Course Type(s): None
The properties of national and global markets and the interests of nation states and nongovernmental organizations are explored in analyzing how sustainable business strategies, corporate governance, and organizational ethics are linked.

BM-670 Strategic Management Credits: 3
Term Offered: All Terms
Course Type(s): None
A conceptual and capstone approach to business organizing and planning through seminars, case studies, and simulation of global enterprise; the formulation and implementation of competitive strategy.

BM-699 Independent Study in Management Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research is required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

Business Marketing (BK)

BK-520 Foundations of Marketing Management Credits: 1.5
Term Offered: All Terms
Course Type(s): None
As a foundation course, this course provides MBA students with fundamental concepts in marketing management involving companies to satisfy their consumers' objectives through right goods and services based on understanding consumer characteristics and marketing system environments; introducing the marketing mix strategies based on thorough analysis of consumer and market environment, promote, distribute and price products and services to satisfy and organize buyers.

BK-599 Business Research Credits: 1-3
Course Type(s): None
Independent research in Business Administration in an area not substantially treated in a regular course offering, under the supervision of a business administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

BK-614 Marketing Management Credits: 3
Prerequisite(s): BK-520
Term Offered: All Terms
Course Type(s): None
An integrated approach to managing the business function of marketing: planning, organizing, controlling, and measuring the total marketing effort; managerial principles and practices applied to the marketing process.

BK-620 Marketing Research Credits: 3
Prerequisite(s): BK-520
Course Type(s): MBA.K
Tools and techniques for conducting, evaluating, and utilizing marketing research; decisions concerning pricing, promotion, personal selling, consumer behavior, and distribution policies evolving from the research data.

BK-631 Customer Relationship Management Credits: 3
Prerequisite(s): BK-520
Course Type(s): MBA.K
Customer Relationship Management (CRM) is the process of managing all aspects of interactions with customers, including prospecting, sales, promotions and service. The value to marketing is the insights into the company/customer relationship by combining all these views of customer interaction into one picture to improve customer relations, attract new customers, and improve customer retention and profitability.

BK-632 B2B Marketing Credits: 3
Prerequisite(s): BK-520
Course Type(s): MBA.K
This course focuses on the strategies and tactics used for marketing to organizations. The organizations may include businesses, institutions, not-for-profits and governmental agencies. Business marketing recognizes that differences between organizational and consumer buying behavior is important to the marketing approach, as are the complexities of individual marketplaces. Students will learn to recognize the need to tailor marketing solutions to individual organizations (or segments) rather than pursue conventional consumer marketing mix strategies.

BK-639 Promotional Strategy Credits: 3
Prerequisite(s): BK-520
Term Offered: Fall Term
Course Type(s): MBA.K
Integrated marketing communications including advertising, sales promotion, direct response, personal selling, public relations, and Internet/e-marketing. Focus is on the understanding and developing of promotional strategies from a theory and real-world (case- analysis) approach.

BK-640 Consumer Behavior Credits: 3
Prerequisite(s): BK-614
Term Offered: All Terms
Course Type(s): MBA.K
An in-depth study of the various perspectives, theories, and contributors to behavior displayed by consumers in the search, purchase, use, evaluation, and disposal of economic goods and services including the decision processes that precede and determine these acts.

BK-641 Advertising and Media Management Credits: 3
Prerequisite(s): BK-520
Term Offered: Spring Term
Course Type(s): MBA.K
An integrated approach to analyzing and managing advertising as an effective element in the promotional mix.

BK-650 International Marketing Management Credits: 3
Prerequisite(s): BK-520
Course Type(s): MBA.K, MBA.I
Strategic marketing decisions for sustainable international and global markets including overall market analysis, market entry decisions, branding decisions, consumer differences, and the external environment factors (culture, climate, political, legal, environment, economic, technological, and competitive) that inform product, pricing, distribution and promotional strategies.

BK-698 Special Topics in Marketing Credits: 3
Prerequisite(s): BK-520
Term Offered: All Terms
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student's permanent record.
Business Real Estate (BR)

BR-510  Real Estate Law  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Students will be introduced to the legal issues in the ownership, transfer, and development of real property.

BR-525  Real Estate Analysis  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Students gain insight into basic real-estate finance and valuation theory. Traditional approaches to value are reviewed. Examination of personal and corporate real estate portfolio strategies. The analysis of specific types of real properties are reviewed. This includes: single-family homes, condominiums, shopping centers, and office and industrial buildings. Also listed as BF-525.

BR-527  Real Estate Finance, Investment and Tax  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Designed to introduce students to the world of real-estate finance, including debt and equity issues and securitization.

BR-530  Real Estate Lease and Negotiations  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Students will look at the commercial leasing of real estate, including statutory law, public policy, and landlord-tenant relations, along with the role of the real estate broker.

BR-580  Regulation and Real Estate Development Process  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Real Estate Development analyzes the distinctive roles and perspectives of government and business in the land development process. A step-by-step examination of the phases of a real estate development project from conceptualization to either disposition or lease-up that emphasizes both the management and approval aspects of those phases.

BR-598  Special Topics in Real Estate  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.

BR-599  Independent Study in Real Estate  Credits: 3
Course Type(s): None
Independent research in real estate in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research is required. The student must be within nine credits of graduation. Prior permission of the directing professor and department chair is required to take this course.

BR-630  Environmental Land Use and Planning Law and Regulation  Credits: 3
Term Offered: Spring Term
Course Type(s): None
This expands upon the basics of real estate law and development law to examine closely the detailed federal, state and local statutes, regulations and case law that impact the design, planning, and approval of proposed real estate developments and the redevelopment of areas. Case studies of existing developments as well as current developments already in progress will be analyzed.

BR-631  Capital Markets and Real Estate  Credits: 3
Prerequisite(s): BF-515 and BF-516
Term Offered: Fall Term
Course Type(s): None
This course will build upon the foundations laid in the basic Real Estate Finance course. The focus will be upon the "capital stack" including the forms of equity and debt available to finance real estate. The various forms of ownership of real estate will be examined from the perspective of the investors, owners, and lenders. The tax implications of the various forms of investment will be closely examined to demonstrate the effects of alternative legal structures. Case studies of successful and unsuccessful real estate projects will be used to understand how certain legal structures contributed to the success or failure. The discussion of "bankruptcy remote" entities will be included.

BR-632  Real Estate Valuation and Analysis  Credits: 3
Prerequisite(s): BF-516
Course Type(s): None
Provides students with a basic understanding of the three traditional methods of real property appraisal including the Sales, Cost, and Income Approaches to value. These approaches will be applied to various property types including residential, commercial (retail and office), and industrial properties. Most emphasis will be placed on the Income Approach as it best typifies the expectations of buyers and sellers of commercial properties in the marketplace. Direct and Yield capitalization techniques and applications will be thoroughly reviewed and discussed within the context of litigation valuation assignments.

BR-633  Real Estate Accounting, Taxation and Insurance  Credits: 3
Prerequisite(s): BA-513 and BF-516
Course Type(s): None
This course will provide students with a general understanding of the accounting, taxation and insurance aspects of real estate and develop a basic understanding of the principles of real estate accounting, taxation, and risk management and their interrelationship in the financial reporting and management of real estate companies to enable a non-accountant to understand generally their implications upon investment, leasing, and development decisions in real estate and to engage in informed discussions with accountants and other financial professionals.
then apply those lessons to current real estate projects. The analysis of critical decision points in planning, marketing, pricing, and owner as well as others involved in the financing of the projects. Dissect actual real estate projects from the perspective of the developer and performance of the project as well as the impact of the project on the surrounding areas.

BR-640 Strategic Case Studies in Real Estate Credits: 3
Prerequisite(s): BR-631 and BR-632
Term Offered: Spring Term
Course Type(s): None
This "capstone course" will apply the lessons learned in the other real estate courses to actual real estate development projects. Students will dissect actual real estate projects from the perspective of the developer and owner as well as others involved in the financing of the projects. The analysis of critical decision points in planning, marketing, pricing, construction will be examined with the benefit of hindsight. Students will then apply those lessons to current real estate projects.

BR-634 Real Estate Lease Negotiations and Analysis Credits: 3
Course Type(s): None
Designed to introduce the basic terminology of real estate leases and to gain an understanding of the business and legal interests of landlords and tenants and how these interests impact the negotiations of leases. The course will include a discussion of office, retail, shopping center, warehouse, ground and residential leases. Guest speakers will be utilized to demonstrate the practical aspects of lease negotiations. One or more field trips to lease locations will be part of the curriculum.

BR-635 Real Estate Property Management Credits: 1.5
Prerequisite(s): BR-630
Course Type(s): None
Provides students with a general understanding of the property management of real estate, including commercial, residential and condominium and cooperative properties. The essentials of budgeting, maintenance, tenant and owner relations as well as the business of owning a property management firm are included.

BR-636 Real Estate Sales and Marketing Credits: 1.5
Prerequisite(s): BK-520
Course Type(s): None
Includes a study of the traditional methods of market analysis of buyers and tenants as well as a focus on the use of social media. The evaluation of the costs and benefits of various types of sales and marketing techniques including case studies will be utilized. A review of the laws regarding marketing including federal truth in lending, discrimination, and interstate sales is included.

BR-637 Real Estate Construction Credits: 3
Prerequisite(s): BR-630
Course Type(s): None
This course will provide students a basic understanding of the terminology used in construction of real estate projects; the critical path processes required for successful completion of construction; an understanding of different materials used in construction; the evaluation and selection of general contractors, construction managers, and subcontractors; the laws concerning construction and lien laws.

BR-638 Real Estate Planning and Design Credits: 1.5
Prerequisite(s): BR-630
Course Type(s): None
An understanding of how the planning of a site and the design of the infrastructure and structures on the real estate impacts the feasibility and performance of the project as well as the impact of the project on the surrounding areas.

BR-639 Special Topics in Real Estate Credits: 3
Term Offered: Spring Term
Course Type(s): None
Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student’s permanent record. If a prerequisite is required it will be announced in the course schedule.

BR-698 Special Topics in Real Estate Credits: 3
Term Offered: All Terms
Course Type(s): None

Independent study in Real Estate is for areas of Real Estate not substantially treated in a regular course offering. It is done under the supervision of a Leon Hess Business School faculty member, and written evaluation of the research is required. Prior permission of the directing professor and department chair is required to take this course.

Communication (CO)

CO-COL Colloquium in Communication Credits: 1
Term Offered: Spring Term
Course Type(s): None
Department faculty will present their areas of research and graduate courses they teach. Students network with other students, professors, and speakers from various branches of the field of communication. Graduating students present their research in this forum. This is a pass/fail course.

CO-CPE Communication Comprehensive Exam Credits: None
Term Offered: All Terms
Course Type(s): None
Communication Comprehensive Exam This is a pass/fail course.

CO-501 Communication Theories for Professional Life Credits: 3
Term Offered: All Terms
Course Type(s): EN.RW
Introduces foundational ideas in the fields of human and mass communication and the ways scholars have developed these through research. Highlights theories that apply to public service communication(social responsibility, relationship building, etc.). Students learn to write literature review exploring recognized branch of theory.

CO-502 Research Methods for Professional Life Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduces commonly employed quantitative and qualitative research techniques in communication as well as research ethics. Students learn to design a research project, conduct a pilot study, and write a formal proposal. Research for the public good will be emphasized.
CO-503  Graduate Foundations in Communication  Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduces new students to the field of communication, its history, branches and disciplines, emphasizing communication for the public good. Assists students in meeting demands of graduate study, using research resources, and understanding departmental policies. Establishes public service objectives of the program. Introduces options for final thesis or project. Students create a plan of study to guide future course and project selections.

CO-504  Principles of Public Relations  Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores the theoretical foundations and principles that encompass the field and practice of public relations. In addition to surveying relevant public relations communication theories, students will develop core competency skills in the creation and execution of strategies and tactics that encompass comprehensive public relations campaigns.

CO-507  Organizational Communication  Credits: 3
Term Offered: Spring Term
Course Type(s): None
The study of the role and impact of communication in contemporary organizations and a survey of contemporary organizational research. Examination of how an organization's structure, management philosophy, and internal culture impact the flow of information, productivity, and goal achievement of the organization and its members and clients. Study of the communication processes in business, medical, educational, and nonprofit organizations.

CO-508  Presentational Communication: Design and Delivery  Credits: 3
Term Offered: All Terms
Course Type(s): TPS
A survey of the rhetorical principles that provide a basis for the production and analysis of effective oral presentation and impression management. Speech writing and delivery of persuasive presentations with a particular emphasis on presentational technologies. Preparation for a variety of public communication challenges are studied, and student presentation skills are honed in practice sessions.

CO-509  Communication, Culture, and Community  Credits: 3
Term Offered: All Terms
Course Type(s): TPS
Fosters an understanding of community as a communication concept and explores the performance of community roles through civic engagement and democratic participation. Students will explore the nature of community, the impact of institutions in everyday life, the consequences of individual, social, and global privilege, and the role of personal responsibility in communities. Students test the possibilities and problems of contemporary forms of community through a community-based service project.

CO-510  Global Communication and Public Relations  Credits: 3
Term Offered: Fall Term
Course Type(s): None
A critical analysis of globalization and global communication theory, research, and other selected theoretical concepts as they apply to international communication, media and public relations. Global communication will be portrayed from various theoretical perspectives, and this class will examine major trends and stakeholders. Global communication will be examined from historical, cultural, economic, public policy, journalism and media, new technology, communication industry, and public relations perspectives. Particular emphasis will be on the growing field of scholarly literature in the area of global public relations.

CO-511  Strategic Digital Communication  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Through case study analysis, practical assignments, and examination of key public relations and marketing research studies, this seminar type class provides students with an intensive study of the strategic application of integrated digital and social communication tactics as they relate to the fields and practice of public relations and marketing. Through the strategic development of digital integrated communication plans, students will gain an increased understanding of how to engage clients and build online communities, identify influences, establish thought leadership and apply digital marketing techniques.

CO-512  Intercultural Communication and Diversity Management  Credits: 3
Term Offered: Spring Term
Course Type(s): TPS
An examination of the cultural nature of communication and the dynamics of face-to-face interaction between persons from diverse cultures and co-cultures. Examining the challenge of managing a diverse organizational workforce in a multicultural society and methods to increase organization members' intercultural communication competence.

CO-514  Conflict Management and Negotiation  Credits: 3
Term Offered: Spring Term
Course Type(s): TPS
Theory and research on the nature, causes, and resolution of interpersonal, group, and organizational conflict. A comprehensive examination of conflict styles, techniques, and methods of resolution of conflicts. Emphasis is placed on information sharing, effective listening, problem solving, mediation, and negotiation as tools for conflict management.

CO-516  Public Relations and Fundraising for Nonprofits  Credits: 3
Term Offered: Spring Term
Course Type(s): TPS
Through case study analysis, practical assignments, and examination of key public relations theories, this course provides an understanding of the important role that public relations plays in furthering the mission and goals of nonprofit and non-government organizations (NGOs). Instruction focuses on using effective public relations techniques to gain support from different constituencies.
CO-520 Communication Ethics  
Term Offered: Spring Term  
Course Type(s): None  
Communication ethics is the study of the principles that govern the conduct of private and public communication in the pursuit of the personal and common good. Provides an introduction to communication ethics through the writings of important ancient and contemporary scholars.

CO-525 Political Communication  
Term Offered: Spring Term  
Course Type(s): None  
The study of traditional and contemporary theories of rhetoric as applied in research and analysis of political campaigns. The rhetorical creation, maintenance, application, and legitimization of symbolic power. A survey of analytic models of political communication and application of the models to case studies. The role of the political communication specialist. Practicum in political communication strategies and techniques.

CO-526 Advanced Public Relations Planning  
Term Offered: Spring Term  
Course Type(s): None  
Explores advanced theoretical foundations and principles demanded of public relations professionals working with corporations, for-profit entities, and non-profit organizations. In addition to researching relevant public relations communication theories, students will develop advanced competency skills required to plan and execute comprehensive public relations campaigns. Also examines the dynamics of the evolving approach to integrated marketing communication that currently dominates the field and practice of public relations.

CO-527 Crisis and Issues Management  
Course Type(s): None  
Advanced public relations theory and practices dealing with management of organizational crisis and issues. The process of research, analysis, planning, and implementation of crisis management will be explored. The role of the public relations professional in the development of crisis communication strategies and tactics will be examined. Control of crisis, rumor, public perception, corporate image, and reputation will be emphasized. Case studies, simulations, group exercises, and projects will be used to develop skills in crisis and issues management.

CO-540 Organizational Training and Consulting  
Term Offered: Spring Term  
Course Type(s): None  
A survey of adult-learning theory, needs assessment, training techniques, and evaluation as applied to communication training. Planning and implementing training programs that serve real organizational needs. The role and ethical standards of the communication professional serving as a communication specialist or counselor to an organization. The completion of a practicum project in training or development.

CO-561 Message Construction: Audio, Video and Web  
Course Type(s): None  
How do we create engaging, media-rich content for mobile, tablet and desktop users in professional settings? This class explores the technical, aesthetic and critical tools needed to create professional audio, video and images for online visual communication. Real-world projects that related to the student's field of interest are implemented throughout the course to craft and refine skills in message construction.

CO-562 Interactive Media Theory  
Term Offered: Summer Term  
Course Type(s): IM  
This seminar examines recently possible technologies as a measure for understanding social values, cultural directions, market trends, and imagined horizons. Students respond and discuss readings and screenings that explore but are not limited to: Immersive technologies, artificial intelligence and automation, expansion of digital platforms, globalization, data science, visualization, internet-of-things, cybersecurity, digital fabrication, applied networks, robotics, and digital citizenship.

CO-563 Interactive Digital Media Studio  
Term Offered: All Terms  
Course Type(s): IM, TPS  
Explores the design and production cycles of recent technology tools and platforms for visual and computational communication and focuses on aesthetic and technical processes. Students prototype interactive-based projects and campaigns. Current technologies include time-based media production, ubiquitous computation, user experience and user-centered design, social media integration, working in development teams, voice and gesture recognition, interface and control, immersion, augmented and virtual reality, geolocation applications, crowd sourcing, and tools for social change.

CO-564 Community-Based Digital Projects  
Term Offered: Fall Term  
Course Type(s): TPS  
In this practicum course, students research alongside faculty to solve real-world challenges by understanding innovation via feasibility, desirability, and viability. Real world clients and stakeholders present project challenges to the practicum research team in briefings. The research team assesses scope, playtests prototype solutions, prepares specifications, and offers addressable implementations to clients.

CO-565 Special Event Planning and Promotion  
Term Offered: All Terms  
Course Type(s): None  
Many organizations use events as a public relations strategy to build and maintain relationships with key stakeholders. Through case study analysis, practical assignments, and examination of key public relations theories, this course introduces students to successful event planning and promotion. Emphasis is on creating, organizing, identifying sponsors, publicizing and implementing special events.

CO-584 Leadership Communication  
Course Type(s): None  
The theory, research, and practice of leadership from a communication perspective. The examination of research on leadership concepts and theories in organizational, group, and public contexts is interdisciplinary in scope. Students will analyze their personal leadership styles, critique historic and contemporary models, examine and develop leadership communication skills through team projects, class exercises, and research.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Prerequisite(s)</th>
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</thead>
<tbody>
<tr>
<td>CO-592</td>
<td>Interactive Storytelling with Data</td>
<td>3</td>
<td>Spring Term</td>
<td>COPRM, CORTP, IM, TPS</td>
<td>Designed to introduce students to the world of data journalism and teach them to tell interactive stories using raw data. We will start from asking what is data journalism and how we find stories in the data. Students will learn how to acquire data from the web, normalize the data into databases and finally use software to tell engaging, interactive stories with collected data. Students will also learn how to collect data from traditional sources that aren't necessarily found online. Students are expected to complete a data-driven journalism project as part of the course. Also offered as an undergraduate course, CO-492. Also listed as DS-525.</td>
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<tr>
<td>CO-595</td>
<td>Graduate Internship in Communication</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Designed for students with less than one-year professional experience. Supervised practical work experience with media outlets, advertising and promotion agencies, public relations firms, film companies, etc. Involves cooperative efforts of departmental faculty and employers. Exposure to current and innovative techniques in research, management, and creative activities while offering practical experience. Instructor consent is required to take this course.</td>
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<tr>
<td>CO-598</td>
<td>Special Topics in Communication</td>
<td>1-3</td>
<td>All Terms</td>
<td>None</td>
<td>Subject matter varies with the interests of the students and the professor. Intensive study of such topics in communication processes as gender relations, small group communication and decision making, leadership communication, film and video criticism, telecommunication technology, and legal communication. If a prerequisite is required it will be announced in the course schedule.</td>
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<tr>
<td>CO-599</td>
<td>Independent Study in Communication</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Guided research in selected topics in Communication. Prior permission of the directing professor and department chair is required to take this course.</td>
</tr>
<tr>
<td>CO-691</td>
<td>Communication Thesis Proposal</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>Prerequisite(s): CO-501, CO-502, and completion of nine graduate level communication credits. A two-semester sequence of an independent research study in consultation with a faculty thesis advisor. In the second semester, the student will complete work to execute the thesis proposal from CO-691. In consultation with the faculty thesis advisor, two additional thesis readers will be assigned. Those readers and thesis advisor comprise a faculty thesis committee. The completed thesis of no less than twenty-five pages will include: a research question or hypothesis, rational for study, literature review, methodology, results, discussion, conclusion, complete bibliography, and appropriate appendices. If a student required an IRB approval for human subjects research, this documentation must be a part of the appendices. Upon completion of the study, the student is required to defend the thesis before a faculty committee and to make a presentation in the CO-503 Graduate Foundations in Communication class.</td>
</tr>
</tbody>
</table>
| CO-692      | Communication Thesis                             | 3       | Spring Term                   | None           | Prerequisite(s): CO-691
Term Offered: Spring Term
Course Type(s): None
A two-semester sequence of an independent research study in consultation with a faculty thesis advisor. In the second semester, the student will complete work to execute the thesis proposal from CO-691. In consultation with the faculty thesis advisor, two additional thesis readers will be assigned. Those readers and thesis advisor comprise a faculty thesis committee. The completed thesis of no less than twenty-five pages will include: a research question or hypothesis, rational for study, literature review, methodology, results, discussion, conclusion, complete bibliography, and appropriate appendices. If a student required an IRB approval for human subjects research, this documentation must be a part of the appendices. Upon completion of the study, the student is required to defend the thesis before a faculty committee and to make a presentation in the CO-503 Graduate Foundations in Communication class. |
| CO-693      | Communication Project Proposal                   | 3       | Spring Term                   | None           | Prerequisite(s): CO-501, CO-502, and completion of nine graduate level communication credits
Term Offered: All Terms
Course Type(s): None
A two-semester sequence of an independent professional project in consultation with a faculty project advisor. In the first semester, the student will review relevant trade and scholarly literature and conduct research leading to the development of a project proposal. The student must receive approval of the project advisor based on a demonstration of his or her pre-existing competence with media message construction. |
| CO-694      | Communication Project                           | 3       | Spring Term                   | None           | Prerequisite(s): CO-693 and permission of the faculty project advisor
Term Offered: All Terms
Course Type(s): None
A two-semester sequence of an independent professional project in consultation with a faculty project advisor. In the second semester the student will complete work to execute the project proposal from CO-693. The project requires the production and execution of a professional-quality media message of significant length and value for a public service organization as well as a well-researched paper documenting and justifying the process. Upon completion of the project, the student is required to defend the project before a faculty committee and to make a presentation in CO-COL, Graduate Colloquium. |
| CO-695      | Interactive Digital Media Thesis Project         | 3       | Spring Term                   | None           | Prerequisite(s): Completion of 15 graduate level communication credits.
Term Offered: Spring Term
Course Type(s): None
Students will review relevant industry, scholarly, and market literature and conduct precedent research leading to the development of prototypes for an innovative product or service. Students will develop and implement a highly considered and designed product or service as a market-ready, functional prototype. Working with targeted stakeholders and incubation mentors, the student will create specifications and hone the project scope of the project prototype for public release. The student will develop a business plan for wider release, acceleration, or further incubation of the project after the completion of this Masters thesis course. |
CS-501A Computer Programming Essentials  Credits: 3
Term Offered: All Terms
Course Type(s): TPS
An introduction in computer programming for newly admitted graduate students. Students will learn basic concepts in modern computer programming. Students will complete all the programming exercises and assignments in the modern object-oriented language.

CS-501B Program Development  Credits: 3
Prerequisite(s): CS-501A passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): None
Continuation at the coverage of the same modern object-oriented language introduced in CS-501A. More advanced object-oriented design, including inheritance and polymorphism.

CS-502 Theoretical Foundations of Computer Science  Credits: 3
Term Offered: All Terms
Course Type(s): None
Concepts, methods, models, and associated computer exercises for important topics in discrete mathematics and probability. Includes: logic and mathematical reasoning, functions, sets, summations, asymptotic notation, algorithms and complexity, number theory, cryptography, matrix algebra, induction and recursion, counting techniques, combinatorial objects, discrete structures, discrete probability theory, relations, graph theory, moments, random variables, and graph algorithms. Limited to Computer Science majors.

CS-503 Data Structures and Algorithms  Credits: 3
Prerequisite(s): CS-501B passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): None
Design and implementation of fundamental data structures and algorithms, including: linked lists, hashing, sorting, trees, stacks, queues, sets and bags, and recursion. Application to problem solving and object-oriented design of moderate-sized programs.

CS-505 Operating Systems Concepts  Credits: 3
Prerequisite(s): CS-503 passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): None
The basic concepts of operating systems from the point of view of an advanced user: the interaction of the kernel, the command interpreter, and user processes. Focus is on process and resource management, concurrency control, and inter-process communication. Examples and projects are based mainly on Unix. The course also includes an introduction to computer architecture from an operating-systems perspective (processors, devices, interrupts, clocks, etc.).

CS-509 Advanced Object-Oriented Programming and Design  Credits: 3
Prerequisite(s): CS-501B passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): None
Object-oriented programming and design, using a language different from that used in CS 501B. Used in classes, inheritance, polymorphism, and libraries.

CS-512 Algorithm Design  Credits: 3
Prerequisite(s): CS-502 and CS-503 both passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
Design and analysis of algorithms; dependence of algorithm efficiency on data structure choice; correctness of algorithm implementation and basic design techniques and their applications to programming with fundamental data structures.

CS-514 Networks  Credits: 3
Term Offered: All Terms
Course Type(s): CISEL
An introductory-level course on the hierarchy of networking software and hardware. Particular emphasis on medium Access Control, Network layer, Transport layer, and Session layer. Several MAC-layer protocols, TCP/IP. Also listed as MIS-514.

CS-517 Database Design and Management  Credits: 3
Prerequisite(s): CS-503 passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): CISEL
Introduction to database systems, data modeling, design theory and methodologies, query languages and query processing. Coverage of relational database model and design, normalization process, SQL, hands-on database design and application development. Also listed as MIS-517.

CS-518 Fundamentals of Computer Security and Cryptography  Credits: 3
Prerequisite(s): CS-514 or MIS-514 passed with a grade of B- or higher
Term Offered: Fall Term
Course Type(s): CISEL
An introduction to computer security and its related issues, including cryptography. It covers threats assessment, security policies, basic cryptography, security mechanisms, and assurance. Also includes several case studies on enhancing the security level of specific systems by integrating different security mechanisms and techniques. Both theoretical and practical issues are addressed in the course. Students who successfully complete this course will be capable of assessing the threats, enhancing the security, and evaluating the assurance level of specific computer systems.

CS-520 Introduction to Intelligent Systems  Credits: 3
Prerequisite(s): CS-502 and CS-503 both passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): CISEL
Introduction to methods and algorithms used to incorporate intelligence into computer programs. Topics include search techniques, representation and reasoning, and machine learning. Applications of these methods are stressed. Also covers implementation of some of the fundamental algorithms.

CS-521 Artificial Intelligence  Credits: 3
Prerequisite(s): CS-503 and CS-520 both passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): None
Basic and advanced methods in symbolic and quantitative artificial intelligence through Lisp programming techniques. Current issues concerning rule-based vs. statistical methods via applications.
CS-522  Knowledge Fusion  Credits: 3
Prerequisite(s): CS-517 or CS-520 passed with a grade of B- or higher.
Course Type(s): CISEL
Coverage of the fundamental techniques for integrating information from heterogeneous sources to obtain actionable knowledge. The sources of information include databases, files, and Web pages. Covered techniques include both those based upon logic and also approaches based on probabilistic reasoning.

CS-525  Simulation  Credits: 3
Prerequisite(s): CS-502, CS-503, and CS-514 all passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): None
Formal models of discrete event systems, computer simulation of models, and analysis of simulation results. Discrete event simulation is applied to studying the performance of computer and communication systems. Object-oriented design and programming in C++.

CS-529  Web Services and .NET  Credits: 3
Prerequisite(s): CS-503 passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
Introduction to Web services. Theoretical and practical coverage of client-server architecture, communication protocols, and messaging, including XML and SOAP transactions. .NET Framework architecture is used for the applications. We contrast with other platforms, e.g., Java-based Web services. Students implement Web services and simple clients on PCs or mobile devices.

CS-532  Compiler Design  Credits: 3
Prerequisite(s): CS-512 passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
The major techniques used in compiler writing, lexical analysis, syntax analysis, storage management, error detection and recovery, and code generation. Tools for compiler writing (LEX, YACC, etc.).

CS-533  Database System Implementation  Credits: 3
Prerequisite(s): CS-502 and CS-503 both passed with a grade of B- or higher
Term Offered: Fall Term
Course Type(s): CISEL
DBMS architecture, data storage and indexing, query processing and optimization, transaction management and recovery, and some issues related to advanced database applications.

CS-535  Telecommunications  Credits: 3
Prerequisite(s): CS-502, CS-505, and CS-514 all passed with a grade of B- or higher
Term Offered: Fall Term
Course Type(s): None
In-depth coverage of the lower layers of the network hierarchy: Physical layer, Data Link layer, Network layer, and Transport layer.

CS-536  File Management and Query Strategies  Credits: 3
Prerequisite(s): CS-503 passed with a grade of B or higher
Term Offered: Summer Term
Course Type(s): None
Addresses data storage and organization, file management principles, and query processing and applications. Students will gain hands-on experience in file processing and application development.

CS-550  Computer System Architecture  Credits: 3
Prerequisite(s): CS-502 and CS-503 both passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): None
Computer system interconnection structures, central processing unit, control unit, microprogrammed control, memory organization, cache and virtual memory, computer arithmetic, RISC processors, introduction to parallel processing, and case studies.

CS-588  Computer Science Practice and Experiences  Credits: 1
Prerequisite(s): 18 credits in Computer Science or Software Engineering
Term Offered: All Terms
Course Type(s): None
Provides opportunity for Computer Science graduate students to obtain related experience in employment at a local company or institution with Monmouth University sponsorship. Available to Computer Science graduate students who have completed at least eighteen credit hours of graduate courses (500 level), with a minimum GPA of 3.00. Does not satisfy elective requirements. Students may take the course a maximum of two times. This is a pass/fail course. Departmental approval is required to take this course.

CS-598  Special Topics in Computer Science  Credits: 3
Prerequisite(s): CS-520 and CS-503 both passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): CISEL
Subject matter varies with the interest of the students and of the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript.

CS-599  Independent Study in Computer Science  Credits: 3
Course Type(s): None
Independent study in a topic not substantially treated in a regular graduate course, for students with superior ability; weekly consultation. Prior permission of directing professor and the graduate program director is required to take this course. This course can only be taken once for credit. Completion of all foundation and core courses and a minimum G.P.A. of 3.50 is required to take this course.

CS-611  Secure Web Services Design  Credits: 3
Prerequisite(s): CS-501B passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
Web applications present a complex set of security issues for architects, designers, and developers. The most secure and hack-resilient Web applications are those that have been built from the ground up with security in mind. This course focuses on principles of secure Web applications design. Topics include threats and counter measures, security in Web service frameworks, session control, access control, and data protection. Also listed as SE-611.

CS-612  Ethical Hacking  Credits: 3
Prerequisite(s): CS-518
Term Offered: Fall Term
Course Type(s): CISEL
Introduce penetration testing methodologies and ethical hacking tools. Discuss the importance of protecting corporate and government data from cyber-attacks. Learn advanced computer security resources that address new vulnerabilities and innovative methods to protect networks.
CS-613 Digital Forensics
Prerequisite(s): CS-518
Term Offered: Spring Term
Course Type(s): CISEL
Introduce digital forensic fundamentals. Focus on discovering, authenticating, and analyzing digital evidence.

CS-618 Data Mining
Prerequisite(s): CS-517 and CS-520 both passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
An introduction to the fundamental concepts, algorithms, and techniques of data mining. Topics include: data preprocessing, classification algorithms and techniques, anomaly detection, and the design of data warehousing and OLAP systems.

CS-620 Applied Machine Learning
Prerequisite(s): CS-503
Term Offered: Spring Term
Course Type(s): CISEL
This course introduces basic and advanced machine learning techniques via various applications in finance, healthcare, image recognition and other fields. Topics include classification and regression supervised learning algorithms, unsupervised learning algorithms, and algorithm performance evaluation and validation.

CS-625 Internet Crawler
Prerequisite(s): CS-529 passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
In-depth coverage of the crawler component of modern search engines. Examination of the architecture of crawlers; algorithms for visitation, retrieval and processing of Web pages, and link analysis (e.g., PageRank computation). Coverage of ethical and legal issues of customized Web robots. Students build automatic Internet crawlers.

CS-628 Security of E-Systems and Networks
Prerequisite(s): CS-518 passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
The fundamental techniques in security of e-based Systems and Computer Networks. E-based systems are ubiquitous in the modern world with applications spanning e-commerce, e-government, e-services, Virtual Private Networks (VPNs), health care, and government organizations. Deals with the fundamental concepts and tools of security of e-based systems and computer networks and its range of applications. The topics to be covered include: authentication of users, system integrity, confidentiality of communication, availability of business service, non-repudiation of transactions, public key cryptosystems, authentication and digital signature, e-security tools such as Public Key Infrastructure (PKI) systems, biometric-based security systems, trust management systems in communication networks, intrusion detection systems, protecting against malware, and computer network security risk management. Intended for graduate students in computer science, software engineering, and electrical engineering who have some background in computer networks and fundamentals of computer security.

CS-635 Wireless Network Systems and Security
Prerequisite(s): CS-514 passed with a grade of B- or higher
Term Offered: Spring Term
Course Type(s): CISEL
Fundamental techniques in the design, operation, performance evaluation, and security of wireless network systems. Among the topics covered are first, second, third, and fourth generation wireless systems, cellular wireless networks, medium access techniques, physical layer, protocols (AMPs, IS-95, IS-136, GSM, GPRS, EDGE, WCDMA, cdma2000, etc.), fixed wireless systems, personal area networks (PANs) including Bluetooth and Home RF systems, wireless local area network (WLAN) technologies, architectures, protocols, and standards, and advanced topics. Security of WLANs, wireless sensor networks (WSNs), cellular systems, and Bluetooth and Home RF networks will be dealt with as well. Intended for graduate students in computer science, software engineering, and electrical engineering who have some background in computer networks.

CS-655 Cloud Computing - Concepts, Technology and Architecture
Prerequisite(s): CS-503
Term Offered: Summer Term
Course Type(s): CISEL
This course will introduce students to proven and mature cloud computing technologies and practices into a series of well-defined concepts, models, and technology mechanisms and architectures. Case studies will be presented to applying the concepts to practical applications. Also listed as SE-655.

CS-661 Computer Science Advanced Project
Term Offered: All Terms
Course Type(s): CISEL
A challenging project, such as the development of a large, complex program, done under the supervision of a faculty member.

CS-691 Computer Science Thesis I
Term Offered: All Terms
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor. Provides students with an opportunity to do extended relevant research in collaboration with, or under the supervision of, a faculty member. Sequential registration of one or more credits is required until successful completion. (Minimum of six credits must be accumulated.) Completion of all foundation and core courses and departmental approval is required to take this course.

CS-692 Computer Science Thesis II
Prerequisite(s): CS-691
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor. Provides students with an opportunity to do extended relevant research in collaboration with, or under the supervision of, a faculty member. Sequential registration of one or more credits is required until successful completion. (Minimum of six credits must be accumulated.)

CS-698 Advanced Special Topics
Prerequisite(s): CS-503 passed with a grade of B- or higher as announced in the course schedule
Course Type(s): CISEL
The advanced subject matter varies with the interest of the students and of the professor. The full syllabus for a specific offering will be filed with the STE and Graduate School Deans when it is scheduled. The exact nature of the topic covered in any given semester is indicated in the student’s transcript.
CJ-CPE Comprehensive Exam Credits: None
Term Offered: All Terms
Course Type(s): None
Criminal Justice Comprehensive Exam. This is a pass/fail course.

CJ-500 Theories and Methods of Geographic Information Systems Credits: 3
Course Type(s): None
This course provides students with a solid foundation in the theories and methods of Geographic Information Systems (GIS). Students gain knowledge of important applications, as well as acquisition, accuracy, formatting management, analysis, and manipulation of data. When students complete this course, they are expected to know what GIS is, what GIS can and cannot do, how data is stored, and how data in GIS is manipulated and analyzed to satisfy a project’s goals.

CJ-502 Advanced Criminology Credits: 3
Term Offered: All Terms
Course Type(s): None
Professionals interested in the criminal justice system require a foundation in the criminological theories that underlie criminal behavior and rehabilitation. Provides the student with an opportunity to study and critically evaluate prominent criminological theories presented in the readings and research. Lectures emphasize the role of psychological principles, theories of learning, techniques of counseling, and psychopathology in the context of criminological theory on rehabilitation programs and on policy development. Also serves as a context for other graduate courses that pertain to the prison system and institutional treatment of offenders.

CJ-510 The American Penal System Credits: 3
Course Type(s): None
Examines the history, philosophy, and organizational structure of correctional systems in the United States, analyzing the various models of incarceration as they relate to punishment and rehabilitation.

CJ-515 Institutional Treatment of the Offender Credits: 3
Course Type(s): None
Provides the theoretical framework for the understanding of criminal behavior and the strategies employed in providing treatment and support services to the inmate. Focuses on techniques designed to facilitate the development of alternative behaviors. Attention will be given to problems that are especially relevant to penal institutions, e.g., violence, racial discord, sexual assault, and theories of punishment.

CJ-525 Applied Data Analysis in Criminal Justice Credits: 3
Term Offered: All Terms
Course Type(s): None
The examination, interpretation, and application of social statistical concepts in criminal justice; computerized data analysis techniques.

CJ-530 Criminal Justice Policy Credits: 3
Term Offered: Spring Term
Course Type(s): None
The examination of opposing viewpoints on complex and sensitive issues in criminal justice. Emphasis on providing students with the ability to develop basic thinking skills and assisting students in evaluating sources of information.

CJ-535 Evaluation Strategies for Criminal Justice Credits: 3
Term Offered: Spring Term
Course Type(s): None
Formulation of research problems and hypotheses; quantitative research designs; and data collection strategies; data analysis methods.

CJ-542 Computer Application in Criminal Justice Credits: 3
Term Offered: Spring Term
Course Type(s): None
Introduces computer basics, information system, and the Internet. Students will use several management-related applications, including spreadsheets, database, employee performance evaluations, and statistical analysis programs to develop an integrated database management system.

CJ-545 Seminar: Ethics, Law, and Society Credits: 3
Term Offered: All Terms
Course Type(s): None
Probes ethical issues that arise throughout the criminal justice system. Students will examine the fundamental meaning of justice, explore approaches to moral reasoning, and investigate issues such as the use of discretion, capital punishment, prisoners’ rights, and other ethics of criminal justice research.

CJ-550 Seminar: Police Administration Credits: 3
Term Offered: Spring Term
Course Type(s): None
Examines the tasks and roles of police administrators for effective and efficient police operations. Police organization, policies, and rules will be analyzed for their impact on the delivery of police services.

CJ-552 Computer Crime Credits: 3
Course Type(s): None
Understanding the nature of computer crime and the basic principles of technology in order to provide a foundation for criminal investigation.

CJ-555 Criminal Procedure and the Constitution Credits: 3
Term Offered: Spring Term
Course Type(s): None
A multidisciplinary examination of the major stages of the criminal process from arrest to trial. The course explores the effectiveness of criminal procedure, the Constitution, and the law in relationship to crime.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits:</th>
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<tbody>
<tr>
<td>CJ-560</td>
<td>Seminar: Leadership and Management</td>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): None</td>
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<td></td>
<td>Examines the role of leader or visionary in analyzing and improving organizational operations in the criminal justice system. Emphasis is on the ability to assess and solve the complex problems facing criminal justice in the twenty-first century.</td>
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<tr>
<td>CJ-562</td>
<td>Graduate Criminal Justice Internship</td>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): None</td>
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<td></td>
<td>Provides the student an opportunity to integrate academic theory with experiential learning. Each student will have an opportunity to focus on areas specific to his/her career objectives. Intern students will evaluate principles of the criminal justice system through on-site participation at an approved criminal justice agency. Executive writing opportunities will be an integral component of this course.</td>
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<tr>
<td>CJ-565</td>
<td>Comparative Criminal Justice Systems</td>
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<td>Term Offered: All Terms</td>
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<td></td>
<td>Course Type(s): None</td>
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<td>Compares and contrasts the main similarities and differences among the major criminal justice systems in the world, including the civil law, common law, socialist law, and Islamic law families.</td>
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<tr>
<td>CJ-572</td>
<td>Civil Rights and Liberties</td>
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<td>Term Offered: Spring Term</td>
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<td>Course Type(s): None</td>
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<td>An examination of the Bill of Rights in contemporary America. The seminar analyzes the conflicting group interests, which advise around issues such as freedom of speech and assembly, church-state relations, and equal treatment before the law for members of minority groups.</td>
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<td>CJ-575</td>
<td>Professionalism in Criminal Justice</td>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): None</td>
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<td></td>
<td>An examination of major changes in politics, professionalism, and public order in society. Emphasis is on policing, criminal justice education, corrections, and jail management issues and examining the progress of, and obstacles to, improving training and split-second decision making.</td>
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<tr>
<td>CJ-595</td>
<td>Geographic Information Systems, Crime Mapping, and Analysis</td>
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<td>Term Offered: Spring Term</td>
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<td></td>
<td>Prerequisite(s): CJ-500</td>
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<td>Course Type(s): None</td>
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<td>Incorporates Geographic Information Systems (GIS) into criminal justice by including the use of crime mapping and analysis in problem solving. Takes a hands-on approach to many of the issues a criminal justice manager, officer, or crime analyst will face in pursuit of his/her work. Facilitates students' understanding of GIS and crime mapping theories, principles, concepts, and the software. Upon completion of the course, students will have developed two projects as part of their portfolio: one in crime mapping implementation and one in project design and analysis within their particular topic of study.</td>
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<tr>
<td>CJ-598</td>
<td>Special Topics in Criminal Justice</td>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): None</td>
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<td>Subject matter varies with the interest of the students and the professor. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Permission of the program director is required. If a prerequisite is required it will be announced in the course schedule.</td>
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<td>CJ-599</td>
<td>Independent Study in Criminal Justice</td>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): None</td>
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<td>Development and execution of a relevant reading and research project leading to significant written work designed by the student in consultation with the professor. The subject chosen for study should be related with any area of Criminal Justice of special interest for the student. Students applying for this course must demonstrate their knowledge of research techniques and their abilities to apply them to the specific area of studies chosen. It is also required that the student should be able to present the results of his/her research in appropriate written and oral form. Prior permission of the directing instructor and department chair is required to take this course.</td>
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<td>CJ-615</td>
<td>Terrorism: Crisis and Trauma</td>
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<td>Course Type(s): None</td>
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<td>Explore the psychological impact of terrorism, including psychiatric disorders, physiological changes, and social/family disruption. Strategies and techniques for identifying trauma and skill for intervention will be discussed.</td>
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<td>CJ-621</td>
<td>Fundamentals of Intelligence Analysis</td>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): HY</td>
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<td>This course ranges in complexity by first providing students with an understanding of the history of intelligence in the criminal justice and security fields before moving toward familiarizing students with the various types of analyses that intelligence analysts engage in. Students will be able to understand the fundamentals of intelligence analysis and be appropriately educated in accordance with the International Association of Law Enforcement Intelligence Analysts (IALEIA) criteria and the 2012 Law Enforcement Analytic Standards promulgated by Global and IALEIA. This course will develop the student abilities to better understand the role of intelligence in public safety and develop analytic products that interpret the operating environment and make recommendations to improve overall public safety within government and private sectors throughout the United States and abroad.</td>
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<tr>
<td>CJ-622</td>
<td>Advanced Issues in Intelligence</td>
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<td>Term Offered: Summer Term</td>
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<td>Course Type(s): HY</td>
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<td>This course provides students studying the intelligence field a deeper knowledge of the issues that may be facing the intelligence community. This course ranges in complexity from orientation-type instruction on successes and failures in intelligence through history to various types of analysis on concepts like intelligence - led policing, how to share information, how to maintain appropriate and successful partnerships across agencies, how individuals are radicalized and recruited into gangs or groups, transnational issues, how to &quot;follow money&quot; or conduct financial analysis, how the enemy uses denial and deception techniques to gain an upper hand, how to appropriately craft a wide array of intelligence products and properly security them, as well as exposure to prediction methods and open source analysis. This course will teach and guide students on how to make recommendations to senior leaders relating to analytical findings.</td>
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<td>CJ-625</td>
<td>Terroristic Crime Scene Investigation</td>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): None</td>
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<td>Utilizing modern investigative technology in terrorist crime scenes; specialized evidence collection; role of crime scene manager.</td>
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</table>
CJ-635  Weapons of Mass Destruction  Credits: 3
Course Type(s): None
Focus on the practical and theoretical aspects of preparing for, and dealing with, incidents involving weapons of mass destruction. Discussion on the various devices and the means of delivering damage. Analysis of the intelligence approaches to reduce such an event.

CJ-636  Structured Analytic Techniques  Credits: 3
Prerequisite(s): CJ-621 and CJ-622
Term Offered: Fall Term
Course Type(s): HY
This course will provide students who are interested in studying the intelligence field and who already have an understanding of the fundamentals and competencies of intelligence analysts with the knowledge and skills to incorporate Structured Analytic Skills into their daily analysis to support their methodologies and assessments. This course will also describe the different types of flaws and biases in thinking, as well as the different types of problems, how to solve them, and the amount of facts or judgments that are required. This course ranges in complexity from orientation-type instruction on the ways that biases and fallacies can impact analysis to an understanding of the many different techniques that can be applied to problems that intelligence analysts must address in their work. Prerequisites for this course include both CJ-621 and CJ-622 to ensure that students clearly understand the need for intelligence, how to gathering and analyze intelligence, and that they are familiar with the methods by which intelligence information is disseminated via briefings and reports.

CJ-650  Cyberterrorism  Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores how new technology throughout the world has contributed to terroristic crimes and how information and communication technology (ICT) has become a tool, a target, and a place of criminal activity threatening national security. Topics of study include: the information environment as crime scene, computer use in crimes, political terrorism, hacking, unauthorized access, and identity theft.

CJ-662  Psychopathology of Crime and Terrorism  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Discusses the psychology of criminal behavior and the development of the terrorist. Provides students with an in-depth examination of the psychological consequences of terrorism on a community and the impact of criminal behavior on a victim. Students will be exposed to the neurobiology of fear including predicators of maladaptive/pathological response, and the biological correlates of criminal behavior. Also listed as HLS-662.

CJ-691  Criminal Justice Thesis I  Credits: 3
Prerequisite(s): CJ-502, CJ-525, CJ-530, and CJ-542
Co-requisite(s): CJ-535
Term Offered: All Terms
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor.

CJ-692  Criminal Justice Thesis II  Credits: 3
Prerequisite(s): CJ-691
Term Offered: Spring Term
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor.

CJ-695  Knowledge into Practice: Criminal Justice Capstone Course  Credits: 3
Prerequisite(s): CJ-525 and CJ-535
Term Offered: All Terms
Course Type(s): None
This course represents a synthesis and evaluation of Monmouth University's Masters in Criminal Justice Goals and Objectives, which require students to: (1) engage in critical analysis and evaluation in the field, (2) become knowledgeable consumers of research; (3) learn the importance of technology in the field; (4) will develop the communication skills necessary to excel in the field; and (5) actively contribute to the field. To do so, student will prepare an evidence-based research paper that applies the core curriculum functions and competencies to a related criminal justice issue. Additionally, this course substantively addresses the six content areas required for certification by the Academy of Criminal Justice Sciences (ACJS,2016), which include: administration of justice, corrections, criminological theory, law adjudication, law enforcement, and research and analytic methods.

CJ-699  Independent Study in Criminal Justice  Credits: 3
Term Offered: All Terms
Course Type(s): None
Development and execution of a relevant reading and research project leading to significant written work designed by the student in consultation with the professor. The subject chosen for study should be related with any area of Criminal Justice of special interest for the student. Students applying for this course must demonstrate their knowledge of research techniques and their abilities to apply them to the specific area of studies chosen. It is also required that the student should be able to present the results of his/her research in appropriate written and oral form. Prior permission of the directing professor and department chair is required to take this course.

Education (ED)

ED-EDTPAGR  Education Preparation Voucher Fee for Graduate Students  Credits: None
Term Offered: All Terms
Course Type(s): None
Education Preparation Voucher Fee for Graduate Students.

ED-507  Issues and Problems in Education  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Major issues and problems affecting education are presented with historical perspectives for understanding the context in which these concerns arose.

ED-510  Psychological and Philosophical Foundations of Teaching  Credits: 3
Term Offered: All Terms
Course Type(s): EDFOU
An introduction to education in the United States. Principles and practice for instructional delivery, including curriculum planning, assessment, procedures, instructional technology, culturally and linguistically diverse students, diverse learning needs, classroom management, core curriculum standards, and school organization, are presented. The history of education and philosophical, political, psychological, and social perspectives related to educational practice are explored. Contemporary issues and controversies in American education are highlighted. Clinical experience hours required.
ED-524 Research in Teaching Practice  
Term Offered: Spring Term  
Course Type(s): MAT  
Research in education related to contemporary teaching practice will be emphasized. Introduction to qualitative and quantitative approaches from different theoretical perspectives is presented. Content will include: literature reviews, analysis and implication of existing research, classroom observation skills, and the role of the teacher as reflective practitioner. For Education majors only.

ED-528 Middle Level Learning and Teaching  
Term Offered: Spring Term  
Course Type(s): None  
The candidate will examine aspects of middle level schooling that are responsive to the nature and needs of adolescents. The candidate will apply knowledge of adolescents’ cognitive and affective development to design learning environments that are structured for the diverse students that we encounter in our public schools and to create and implement learning experiences that effectively promote academic achievement and personal growth for all middle grade students. Clinical hours required.

ED-529 Content Literacy  
Course Type(s): None  
Designed to focus on the development of literacy through the integration of literature and literate thinking across the curriculum for academic-content learning at the secondary level. It emphasizes the implementation of both teaching and learning strategies to develop independent learners. The course includes research-based pedagogical strategies for teaching linguistically diverse students, students with diverse learning needs, and incorporating instructional technology into the classroom. Clinical Practice is required. Limited to Education majors.

ED-533 Contemporary Issues in Science Education  
Term Offered: All Terms  
Prerequisite(s): ED-510 and EDL-575  
Course Type(s): MAT, SJEDU  
Examines the developments in science knowledge and their impact on society over the last century and predicts changes that might occur in the twenty-first century. We are the only species on earth that has the power to change our environment and the ability to comprehend the universe. Students will explore major scientific advances over the past 100 years and the resulting problems that these advances have wrought. Valuable for practicing teachers at the elementary, middle, or high school level and/or those who wish to learn more about the history and sociology of science.

ED-550 Teaching English Language Learners in Mainstream Classroom  
Term Offered: All Terms  
Prerequisite(s): ED-510  
Course Type(s): EDFOU  
Offered to address issues and research-based pedagogical strategies of teaching English language learners in today’s mainstream classrooms. Teacher candidates will explore a variety of instructional strategies and develop cultural knowledge and its application in teaching English language learners. The course also includes incorporating instructional technology into the classroom, and utilizing data to inform instruction.

ED-552 Child and Adolescent Development  
Term Offered: All Terms  
Course Type(s): EDFOU  
Provides an introduction to the field of human development. The content covers the major concepts and theories of child and adolescent growth and developmental from the prenatal period through the teenage years. The purpose of the course is to discuss the historical, cultural, and philosophical groundings of the concepts and practices of children’s learning and development and to promote the student’s critical thinking skills with respect to those concepts. Through research, educational activities, and observations the course is designed to provide students a framework for promoting a holistic view of development and learning in infants, children, and adolescence, while considering how to nurture diversity and equity. This course includes utilizing data to inform instruction. For Education majors only.

ED-554 Supplemental Instruction in Reading and Mathematics  
Prerequisite(s): ED-556 and EDL-575  
Course Type(s): MAT  
Focuses on supplemental instruction for reading and mathematics in educational settings from grades 6-8 but draws heavily on assessment and analysis of student errors from Pre-K to grade five as well. Extensive opportunities for diagnosis and planning for remedial intervention in reading and mathematics will be provided.
ED-556 Teaching Elementary Mathematics  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
ED 556 is designed to provide a profound understanding of the concepts taught in elementary school mathematics. Teacher candidates participate in activities and learn techniques to foster conceptual development in young learners, thus producing confidence and success in the learning of mathematics. The essential elements of instruction, assessment, grouping strategies, and effective questioning are illustrated and honed when planning to address the instructional needs for diverse learners in mathematics. This course contains foundational knowledge which will be used during the clinical practice performance assessment. It will include research-based pedagogical strategies for teaching linguistically diverse students, those with special needs, using instructional technology and using data to inform instruction. Clinical Practice hours required.

ED-562 Methods of Teaching Science at the Elementary Level  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
Science methods for elementary education students is designed for those without a strong background in science (although those with a strong background will also benefit greatly from this course). The intent of this course is to provide an integrated perspective of teaching science from pre-kindergarten through grade 5. This course will provide active learning of science concepts through various inquiry activities. Following the learning theories that have produced both the Next Generation Science Standards and the New Jersey Core Curriculum Content Standards for science, this course will utilize projects, cases and problems in real world settings using a diversity of instructional methods and strategies to provide each student with the opportunity to learn how to teach inquiry and problem-solving across the sciences. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Clinical practice hours required. Education majors only.

ED-563 Assessment and Treatment of Literacy Problems  Credits: 3
Prerequisite(s): EDL-503
Term Offered: Spring Term
Course Type(s): None
Focus is on authentic assessment and corrective teaching strategies to address literacy problems from a developmental perspective. Techniques and methods for at-risk learners will be emphasized. Strategies that guide students to self-monitor their literacy acquisition will be addressed.

ED-564 Secondary Mathematics Methods, Part I  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552 and a minimum G.P.A. of 3.00
Term Offered: All Terms
Course Type(s): None
Focus is on the teaching of secondary mathematics. It is intended to deepen future secondary school teachers’ understanding of the secondary mathematics curriculum and build their competencies at the level of instructional implementation. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Essential elements of effective instruction, including inquiry based learning, implementing tasks that promote reasoning and problem-solving, assessment, facilitating meaningful mathematical discourse, eliciting and using evidence of student thinking, grouping strategies and effective questioning are explored as these are techniques utilized to bring conceptual understanding of mathematics to all learners. The fieldwork component of the course requires clinical practice hours in a secondary public school mathematics classroom and provides candidates with opportunities to translate theory into practice. “Clinical practice hours required.”

ED-565 Secondary Mathematics Methods Part II  Credits: 3
Prerequisite(s): ED-564 and a minimum G.P.A. of 3.00
Term Offered: All Terms
Course Type(s): None
The second course in a sequence intended to deepen future secondary school teachers’ understanding of the secondary mathematics curriculum and build their competencies at the level of instructional implementation. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Essential elements of effective instruction, including inquiry based learning, implementing tasks that promote reasoning and problem-solving, assessment, facilitating meaningful mathematical discourse, eliciting and using evidence of student thinking, grouping strategies and effective questioning are explored as these are techniques utilized to bring conceptual understanding of mathematics to all learners. The fieldwork component of the course requires clinical practice hours in a secondary public school mathematics classroom and provides candidates with opportunities to translate theory into practice. Clinical practice hours required.

ED-566 Methods of Teaching Science at the Secondary Level I  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
Science methods at the secondary level is designed for those with a background in science. The intent of this course is to provide an integrated perspective of teaching science from grade 7-12. This course will provide active learning of science concepts through various inquiry activities. Following the learning theories that have produced both the Next Generation Science Standards and the New Jersey Core Curriculum Content Standards for science, this course will utilize projects, cases, and problems in real world settings using a diversity of instructional methods and strategies to provide each student with the opportunity to learn how to teach inquiry and problem-solving across the sciences. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction.
ED-567  Methods of Teaching Science at the Secondary Level II  Credits: 3
Prerequisite(s): ED-566
Term Offered: All Terms
Course Type(s): None
Science methods for initial M.A.T. students at the secondary level is designed for those with a strong background in science. The intent of this course is to provide active learning of science concepts through various inquiry activities. Following the learning theories that have produced both the Next Generation Science Standards and the New Jersey Core Curriculum Content Standards for science, this course will utilize projects, cases, and problems in real-world settings using a diversity of instructional methods and strategies to provide each student with the opportunity to learn how to teach inquiry and problem-solving across the sciences. This course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Clinical Practice hours required.

ED-576  Teaching Social Studies at the Elementary Level  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
Introduces the P-8 teacher certification candidates to the social studies curriculum and methods. Emphasizes national and state standards for social studies education, cross-cultural integration, particularly world languages and culture, personal and social problem solving, situated cognition in social studies education learning. The essential elements of planning, instruction using technology, and assessment are explored to address the needs of culturally and linguistically diverse learners in social studies education. Clinical Practice is required. Education majors only.

ED-578  Methods of Teaching English at the Secondary Level  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
As a component of the teach-education program, the intention is to introduce to future secondary English/Language Arts teachers the fundamental concepts of curriculum design and instructional planning. To also introduce a variety of approaches to curriculum design with an emphasis on the two distinct but important goals of language arts education: developing general literacy skills and discovering the inner joy of reading literature and using language as a tool for communication. Topics related to decision-making, classroom management, and instructional planning are treated in depth to help prospective teachers master the base competencies at the level of planning to fulfill the requirement for state and national certification. The course includes research-based pedagogical strategies for utilizing data to inform instruction. Education majors only.

ED-579  Teaching Social Studies and Cultural Education at the Secondary Level  Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
Introduces the middle-and secondary-level teacher certification candidate to social studies curriculum and methods. Emphasizes national and state standards for social studies education curriculum across the traditional social science disciplines. The course will also explore the philosophical and theoretical foundations of social studies education. It provides the candidates with practical strategies necessary for success in teaching culturally and linguistically diverse students and students with diverse learning needs, utilizing instructional technology, and using research and data to assess and inform instruction in the context of social studies. Education majors only.

ED-580  Secondary Social Studies Education Part II  Credits: 3
Prerequisite(s): ED-579
Term Offered: All Terms
Course Type(s): None
Expands and further develops competencies covered in Part I. Instructional methodologies focusing on a constructivist and student-centered approach, using instructional technology, will be explored. Targets strategies for future secondary teachers to teach culturally and linguistically diverse students and students with diverse learning needs and to meet the New Jersey Core Curriculum Content Standards for Social Studies to include: infusing Economics and Geography into the curriculum, developing greater technology coalescence, extending cross-curriculum lesson plans, embracing a pluralistic approach, and expanding multicultural themes. Course design will foster the development of effective inquiry-based curriculum activities making active use of community-based resources and using research and assessment data to inform instruction in the context of social studies. Clinical Practice hours required.

ED-582  World Language Education  Credits: 3
Prerequisite(s): ED-529, ED-550, and FO-599
Course Type(s): None
Issues and practices in world language education. Fieldwork is required.

ED-583  Theories and Practice of ESL Instruction Part I  Credits: 3
Prerequisite(s): ED-529, ED-550, and EN-563
Term Offered: All Terms
Course Type(s): MAT
With an emphasis on teaching English as a Second Language through content, Part I of this two-semester course will introduce the history of ESL teaching and critically explores exemplary curriculum designs and methods of teaching ESL. A wide range of ESL instructional materials, instructional technology, services, and assessment measures will be introduced and practiced, with an emphasis on standard-based content and ESL teaching. Both instructional design and implementation will be the focus for practice, with embedded language acquisition/learning theories and research studies carefully examined. Clinical hours required.
ED-584 Theories and Practice of ESL Instruction Part II

Prerequisite(s): ED-583
Term Offered: All Terms
Course Type(s): None

A continuation of ED-583, this course examines public issues pertinent to ESL education with an emphasis on making connections between theories or research findings and classroom practice. More approaches to ESL instruction will be introduced with an emphasis on various strategies, techniques and instructional technology for teaching specific language skills in a standards-based content and ESL teaching program. Reflective practice is an integral part of this course. Limited to Education majors only. Clinical hours required.

ED-585 Methods of Teaching English at the Secondary Level Part II

Prerequisite(s): ED-578
Term Offered: All Terms
Course Type(s): None

A continuation of ED-578: Methods of Teaching English at the Secondary Level Part I. Part II provides in-depth preparation to teacher candidates desiring to teach English/Language Arts at the secondary level by extending the essential knowledge, skills, and strategies grounded in research and related to effective classroom instruction. Teacher candidates will have increased opportunities to apply theory and refine practice in the use of print and non-print texts and in the integration of the English Language Arts through clinical practice. The NCTE/ILA and the New Jersey Core Content Curriculum Standards will be an integral part of the course. The course includes research-based pedagogical strategies for teaching students with diverse needs, incorporating instructional technology into the classroom, and utilizing data to inform instruction. Clinical practice is required.

ED-586 Bilingual Education: Theories and Practices

Prerequisite(s): ED-583
Term Offered: Spring Term
Course Type(s): None

Emphasis on teaching content in bilingual/bicultural education, an understanding of bilingual development and available dual-language program models for language and literacy development. How bilingual/bicultural programs based on community needs can be developed, implemented, and assessed will be explored with the embedded theories and research studies in bilingual/bicultural education carefully examined. Clinical experience hours required.

ED-587 Integrated Methods in K-12 Education

Prerequisite(s): ED-510, ED-550, and ED-552 and a minimum G.P.A. of 3.00
Term Offered: All Terms
Course Type(s): None

Deepens future K-12 school teachers’ understanding of the complexities of the curriculum and builds their competencies at the level of instructional implementation in specific subject areas. Focuses on a broad spectrum of instructional methodologies and techniques that are workable in today’s classroom. A constructivist approach to planning and instruction will be emphasized. The experiential component of the course provides the students with opportunities for clinical work in the classroom, strengthening competencies and deepening understanding. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Education majors only. Clinical Practice hours required.

ED-593 Clinical Practice

Co-requisite(s): ED-EDTPAGR
Term Offered: All Terms
Course Type(s): None

This full-time, full-semester clinical practice in a school setting requires clinical interns to observe, plan, instruct, and assess P-12 students collaborating with a cooperating teacher and university faculty. Clinical interns complete an edTPA portfolio and analyze their instruction and the effect on student achievement. In addition, there are on-campus seminars, focus groups and an online component. All aspects of the requirements are linked to the New Jersey Student Learning Standards (NJSLS) the New Jersey Professional Standards for Teachers (NJPST), and national Specialty Professional Association (SPA) standards. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Permission of the MAT director is required to register.

ED-594 Supervised Clinical Practice

Co-requisite(s): ED-EDTPA
Term Offered: Spring Term
Course Type(s): None

This full-time, full-semester clinical practice in a school setting requires clinical interns to observe, plan, instruct, and assess P-12 students collaborating with a cooperating teacher and university faculty. Clinical interns complete an edTPA portfolio and analyze their instruction and the effect on student achievement. In addition, there are on-campus seminars, focus groups and an online component. All aspects of the requirements are linked to the New Jersey Student Learning Standards (NJSLS) the New Jersey Professional Standards for Teachers (NJPST), and national Specialty Professional Association (SPA) standards. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Permission of the MAT director is required to register.

ED-596 Methods of Teaching Elementary Physical Education and Health

Prerequisite(s): ED-510, ED-550, and EDS-500 and a minimum G.P.A. of 3.00
Term Offered: Spring Term
Course Type(s): None

Focuses on the planning, implementing, and assessing of competency-based physical education and skill-based health in elementary settings. Preservice teachers will learn pedagogical strategies related to teaching culturally and linguistically diverse students and students with diverse (special) needs in addition to using instructional technology, research-based best practices, and assessment data to inform instruction in elementary physical education and health. The course will utilize a lecture-based format and lab-based activities to prepare preservice teachers to develop physical literacy and health literacy for PreK-5 students. During lab-based activities, preservice teachers will plan and implement physical education and health lessons to peers and PreK-5 students. Clinical practice hours are required in accordance with New Jersey State statues. Education majors only.

ED-597 Clinical Practice

Co-requisite(s): ED-EDTPAGR
Term Offered: All Terms
Course Type(s): None

This full-time, full-semester clinical practice in a school setting requires clinical interns to observe, plan, instruct, and assess P-12 students collaborating with a cooperating teacher and university faculty. Clinical interns complete an edTPA portfolio and analyze their instruction and the effect on student achievement. In addition, there are on-campus seminars, focus groups and an online component. All aspects of the requirements are linked to the New Jersey Student Learning Standards (NJSLS) the New Jersey Professional Standards for Teachers (NJPST), and national Specialty Professional Association (SPA) standards. The course includes research-based pedagogical strategies for teaching linguistically diverse students, those with diverse learning needs, incorporating instructional technology into the classroom and utilizing data to inform instruction. Permission of the MAT director is required to register.
ED-597  Methods of Teaching Secondary Physical Education and Health  Credits: 3
Prerequisite(s): ED-510, ED-550, and EDS-550 and a minimum G.P.A. of 3.00
Course Type(s): None
Focuses on the planning, implementing, and assessing of competency-based physical education and skill-based health in elementary settings. Preservice teachers will learn pedagogical strategies related to teaching culturally and linguistically diverse students and students with diverse (special) needs in addition to using instructional technology, research-based best practices, and assessment data to inform instruction in elementary physical education and health. The course will utilize a lecture-based format and lab-based activities to prepare preservice teachers to develop physical literacy and health literacy for 6th-12th grade students. During lab-based activities, preservice teachers will plan and implement physical education and health lessons to peers and 6th-12th grade students. Clinical practice hours are required in accordance with New Jersey State statues. Education majors only.

ED-598  Special Topics in Education  Credits: 3
Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student’s transcript. Permission of the program director is required. If a prerequisite is required it will be announced in the course schedule.

ED-599  Independent Study in Education  Credits: 1-3
Term Offered: All Terms
Course Type(s): MAT
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course.

ED-601  Principles of Technology and Theoretical Foundations for Instructional Technology  Credits: 3
Term Offered: Fall Term
Course Type(s): OL
The purpose of this course is to explore the broad and dynamic field of educational technology and how to meaningfully, purposefully, and effectively enhance learning experiences through technology integration. Specifically, the course will examine educational technology plans, current theories, recent research, and trends in the field while also exploring challenges to effective educational technology programs in K-12 settings. This course will also provide an overview of effective technology integration frameworks (SAMR, TPACK, the Digital Use Divide, etc.) used by educational technology specialists/leaders to design transformative learning experiences that enhance instruction.

ED-606  Diversity in Education  Credits: 3
Term Offered: All Terms
Course Type(s): MAT, SJEDU
In this course, students will explore the field of multicultural education. The nature of the school as a social system will be analyzed and the diversities of various cultures, communities, and ways of thinking will be examined. Professionals will engage in self-reflection related to racism and other forms of discrimination in order to better understand how identities and ideologies impact everyday school practices and the educational experiences of all students, especially those from culturally and linguistically diverse backgrounds. The course also includes research-based pedagogical strategies for teaching culturally and linguistically diverse students, incorporating instructional technology into the classroom and utilizing data to inform instruction. Education majors only.

ED-608  Curriculum in the Classroom  Credits: 3
Course Type(s): EDCUR
Today’s practitioners must strike a balance between state and national curriculum standards and the needs and expectations of their own classroom. Candidates will examine various facets of curriculum specific to their professional environment.

ED-610  Education in a Democratic Society  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Critical examination of ideas, purposes, and aims of schooling in historical and cultural contexts; explores ethical and research issues related to teaching and learning in ways that enhance democratic practices.

ED-612  Teacher Leadership  Credits: 3
Term Offered: Spring Term
Course Type(s): EDCUR
This course is designed to provide an examination of teacher leadership as an opportunity for distributed, school- and district-wide leadership. The course will allow teachers opportunities to develop their own practice and the practices of their colleagues through an understanding of how to use the various leadership lenses of organizational design, strategic decision-making, interpersonal relationships, instructional leadership, and both adaptive and motivational approaches to guiding educators as a teacher to inform the school-improvement work of professional learning communities and job-embedded professional development.

ED-615  Empowering Students and Educators Through the Design of Blended Learning Opportunities  Credits: 3
Course Type(s): OL
This course explores the application of theory and research in pedagogy and curriculum design to empower learners through strategic blended learning experiences. Topics include Incorporating Blended Learning into Educational Programs, Streamlining Education Workflow, Technology-Integrated Learning Environments, Video-based Social Learning Platforms, Graphic Visual Representations, Video Screen Capturing, Digital Assessment, eCoaching for Impactful PDs, ISTE standards, Personal Learning Networks, using technology to support personalized learning, and Digital Leadership. The course will be taught in a hybrid format at which students will have experiences with specific instructional technologies and reflect upon the utilization of such innovations for coaching, school transformation, and professional development activities.
ED-616  Fundamentals of Curriculum Studies  Credits: 3
Term Offered: Spring Term
Course Type(s): None
The emergence of the field from the early twentieth century. Surveys the foundations of the field of curriculum studies at large, examines the standardization movement of the institutional curriculum and culminates in a critical examination of No Child Left Behind (NCLB). Candidates will consider the importance of study tied to socially responsive curricular design.

ED-618  Survey of Curricular Paradigms  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Provides an examination of the field of Curriculum Studies through the lens of key paradigms and perspectives.

ED-620  Philosophy and Curriculum  Credits: 3
Course Type(s): None
Serves to extend the examination of the evolution and current conditions of the field of curriculum studies initiated in fundamentals of curriculum studies. Introduces the work of core philosophies that inform contemporary curriculum work and encourage participants' analysis of various influential voices in the field. Primary goals are to engage in critical discussions about the work of various philosophers who have influenced the field of curriculum studies and conceptualize connections between those works and our daily practice in the field.

ED-624  Research in Teaching Practice  Credits: 3
Term Offered: All Terms
Course Type(s): EDCRES
Research in education related to contemporary teaching practice will be emphasized. Introduction to qualitative and quantitative approaches from different theoretical perspectives is presented. Content will include literature reviews, analysis and implication of existing research, classroom observation skills and the role of the teacher as reflective practitioner.

ED-625  Technology Trends in a Global Society  Credits: 3
Course Type(s): OL
This course will examine how advances in technology have created a global learning environment for today's students. Technologies such as virtual reality (VR), augmented reality (AR), video conferencing, artificial intelligence (AI), smart technologies, online gaming/esports, social media platforms, etc. are connecting people at a global level and allowing educators to bring the world into their classrooms. This course will also provide an overview of crucial skills for success in our global society including coding, robotics, design thinking, digital citizenship, maker education, digital media design, and global competencies.

ED-626  Assessment Practice Now and When  Credits: 3
Term Offered: Spring Term
Course Type(s): EDAST
Theory and practice of educational testing, development of and use of tests and alternative forms of assessment, analysis and interpretation of assessment results to monitor student progress, inform instruction, evaluate student achievement, and evaluate programs. Emphasis is placed on alternative and authentic forms of assessment that complement and support the standardized testing system. Through examination of techniques and strategies that characterize quality assessment, students will develop a philosophy of assessment supportive of classroom evaluation and understanding that fosters student growth and learning.

ED-630  Research in Curriculum Studies  Credits: 3
Prerequisite(s): ED-624
Term Offered: Spring Term
Course Type(s): None
The possession of effective research skills is an integral and necessary proficiency for success in the field of Curriculum Studies. Candidates will engage in the exploration of both qualitative and quantitative research methodologies. They will then design an investigation, apply for Institutional Research Board approval, and conduct a study relevant to their professional milieu and the field.

ED-632  Classroom Technologies and Educational Media  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Aims to introduce students to computer science concepts and recent instructional technologies to support teaching and learning processes in K-12 classrooms. The course focuses on students’ exploration and evaluation of technology-enhanced applications. Students learn how to use digital media, technologies, and interactive games to support their instructional strategies and student learning, enhance classroom management, aid formative, and summative assessment techniques, and communicate professionally.

ED-645  Theories and Practice of ESL Instruction  Credits: 6
Course Type(s): None
With an emphasis on teaching English through content, this two-semester course will introduce the history of ESL teaching and critically explore exemplary curriculum designs and methods of teaching ESL. A wide range of ESL instructional strategies and assessment measures will be introduced and practiced. Both instructional design and implementation will be the focus for practice with the embedded language acquisition/learning theories and research studies carefully examined.

ED-655  Leveraging Technology to Support the Inclusive Classroom  Credits: 3
Course Type(s): OL
The purpose of this course is to understand how to effectively use technology to create an equitable classroom environment that thoughtfully approaches students individual communication and learning differences. The primary focus of this course will be to discover, examine, and utilize strategies, tools, and resources to increase educational access and improve learning for all students. This course will explore adaptive and assistive technologies, as well as various digital resources needed to support students social, emotional, linguistic, and behavioral needs in an effort to maximize student success.

ED-658  Advanced Curriculum Studies  Credits: 3
Course Type(s): EDCUR
A comprehensive study of the theory and practice of designing, evaluating, and implementing valid and effective P-12 curricula.

ED-667  Leading Technology Transformation  Credits: 3
Course Type(s): OL
This course will prepare educators to effectively create an instructional technology vision and plan for their school/district. Specifically, this course will address the processes of analyzing and vetting out educational technology hardware and software, creating a technology budget and cost-effective analysis, determining return on instruction, designing innovative learning spaces, and understanding data security and privacy best practices. This course will also prepare future educational technology specialists/leaders to develop a virtual learning and communication plan to build capacity and maintain transparency in their school communities.
ED-670 Qualitative Research: Principles and Practices Credits: 3
Course Type(s): None
An introduction to the methods of qualitative research. A reading-based discussion/seminar focusing on methodological issues and an exploration of the variety of methods used in executing qualitative studies. Offers students a theoretical foundation for this form of inquiry and an opportunity to engage in research. Applicable to a variety of social inquiry disciplines.

ED-678 Practicum in Educational Technology Supervision Credits: 3
Course Type(s): HY
In this course, you will be guided through all aspects of the practicum experience including project pitch, developing a project proposal, project management, project completion, and project presentation. Each student will individually research, propose, develop, implement, and evaluate an educational technology initiative to support student achievement. Each class will cover specific topics to help you achieve the completion of your practicum while guiding you through the project research and implementation process.

ED-680 Advanced Professional Development Seminar for Teachers Credits: 3
Term Offered: Spring Term
Course Type(s): None
This capstone seminar will support candidates for the degree in producing electronic portfolios, teacher research plans for teaching improvement, presentation of research, and self-reflection for future professional growth.

ED-698 Special Topics in Curriculum and Instruction Credits: 3
Course Type(s): EDCUR
The subject matter varies with the interest of the candidates and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated on the candidate's transcript. The course curriculum will include a variety of readings, as well as a research-based summative course assessment. Permission of the program director is required to take this course.

ED-699 Independent Study in Education Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

ED-821 Teaching and Learning Theory Practice Credits: 3
Prerequisite(s): OTDP-705
Course Type(s): OL
A study of human learning and cognitive organization and process. The content will provide an overview of the development of learning theory and cognitive models since the beginning of the scientific study of human learning and mental processes. It is designed to introduce both the new instructors and the experienced instructor to the learner and the learning process as negotiated within a classroom. The roles of educators and students in the learning process and the impact of the interactive classroom environment on learning are examined. Major theories concerning the learning process and their implications for the instructional process are investigated.

ED-822 Instructional Design, Strategies and Delivery Methods Credits: 3
Prerequisite(s): ED-821
Course Type(s): OL
Designed to create a framework for your understanding of instructional strategies and their effective application in a classroom. The course is based and links to previously acquired knowledge in learning theories and evidence-based teaching. Students will learn about various instructional strategies to enhance interdisciplinary learning experiences in health professions education. Instructional methods will include such collaborative educational models as small and large group teaching, team-based, interactive and experiential case-based learning. Techniques will include the use of simulations as well as teaching at the bedside with a focus on educator behaviors that stimulate achievement of learners. With an appreciated of the diversity of the student body, participants will effectively integrate and apply technology into instruction to develop and deliver health professions curricula including web-based teaching environments, content management systems, collaborative project development, and interactive media with an emphasis on instructional design advancements which affect the learning environment. Evidence of participants’ knowledge and application of course topics will be captured in a professional portfolio.

ED-823 Online Learning: Culture and Theory Credits: 3
Prerequisite(s): ED-822
Course Type(s): OL
Designed to give adult educators a robust overview of theory-based techniques for teaching online or technology-enhanced courses. The course covers all aspects of online for teaching and reviews the latest research in cognitive processing and related learning outcomes while retaining a focus on the practical. A simple framework of instructional strategies mapped across a four-phase timeline provides a concrete starting point for both new online teachers and experienced teachers designing or revamping an online course. Essential technologies are explored in their basic and expanded forms, and traditional pedagogy serves as the foundation for tips and practices customized for online learning. The tips cover course management, social presence, community building, integration of new technologies, discussion and questioning techniques, assessment, and debriefing, along with new coverage of intensive or accelerated courses, customizing learning strategies, developing expertise, advanced course design, and assessment techniques.

Education Education Doctorate (EDD)

EDD-THD Thesis Defense Credits: None
Course Type(s): None
Education Doctorate Thesis Defense

EDD-702 Adult Development and Transformative Learning Credits: 3
Course Type(s): None
Analyzes the foundational learning theories, adult development, and transformative learning for school administrators. It examines the techniques of motivation, methodology, and evaluation in adult learning. An emphasis on social justice and advocacy for transformative learning will also be incorporated in the pedagogical structure of the course. The course further examines the transformative learning process for adults considering the socio-political, cultural, school and other factors. These influential paradigm shifts in adult learning include barriers to and motivation for transformative learning. Designed to contribute to the professional development of those individuals who work with adults and young adults in a variety of educational contexts, in either instructional or leadership capacities.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDD-706</td>
<td>Learning Through Experience: Individuals and Organizations</td>
<td>3</td>
<td>Summer Term</td>
<td></td>
<td>The purpose of this course is to explore the nature of experiential learning processes in promoting change and growth in both professionals and the professions. The research literature associated with experiential learning will be used to explore the nature of experiential learning, where it occurs, how we experience it, how we think about it, and how we can use the environment to enhance it. Course content includes 1) readings related to action in the professionals, such as improvement science, network improvement communities, action research, and participatory action research; 2) a survey of topics associated with the thinking processes associated with active approaches to learning, such as reflection, design thinking, creativity, innovation, and semiotics. Activities and assignments will include group discussions, individual and group presentations, action research, and classroom observation and analysis.</td>
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<tr>
<td>EDD-710</td>
<td>Leadership, Diversity and Equity</td>
<td>3</td>
<td>Spring Term</td>
<td></td>
<td>American and international institutions of education continue to face the challenge of promoting access and equity for a diverse educational community of stakeholders. The increase in diversity throughout the world requires educational leaders to explore and understand the issues and learn how to advance diversity and equity. Race and ethnicity, social class, and gender will serve as initial topics for the course. Students will learn how their local, national and international colleagues have struggled (and succeeded or not succeeded) in advancing equity and inclusion. Students also will be given an opportunity to explore other dimensions of diversity. Class discussions will center on current and world situations regarding educating a diverse population, and the efforts aimed at improving equity throughout the world.</td>
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<tr>
<td>EDD-712</td>
<td>International Leadership Models</td>
<td>3</td>
<td>Spring Term</td>
<td></td>
<td>Compares leadership practices in different parts of the world by comparing the performance of different countries. Doctoral candidates will compare and contrast the characteristics of successful leadership models and if those concepts are transferable to areas of leadership.</td>
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<tr>
<td>EDD-714</td>
<td>Leadership and Change</td>
<td>3</td>
<td>Summer Term</td>
<td></td>
<td>Addresses leadership during the change process with a focus on building a climate for innovation and change while developing critical skills related to leading and managing a learning organization through change. Practical approaches to decision-making, authority, power and influence, school culture, communication, problem solving and dilemma management will be addressed. Management of personnel and facilities will also be covered. This course addresses the 2015 Professional Standards for Educational Leaders (6-8; 10) and the 2011 ELCC Standards (1.3, 1.4, 2.1, 2.4, 3.4, and 4.1). This course will engage students in applying fundamental leadership and management knowledge and skills which will support and enhance their Transformative Leadership Project. Students will discuss and analyze a broad range of &quot;real world&quot; problems and dilemmas using current case studies, in basket challenges, and information from the students' individual schools/districts.</td>
</tr>
<tr>
<td>EDD-716</td>
<td>Practicum in Executive Leadership</td>
<td>3</td>
<td>Summer Term</td>
<td></td>
<td>Issues, principles, and responsibilities of the executive leader at the district level are the focus of this course. Using the 2011 ELCC Standards, ISLLC Standards and the Professional Standards for Educational Leaders as a guide, this course will explore the practical applications of contemporary principles of educational leadership and further development of the candidates Transformative Leadership Project through a 150 hour internship course.</td>
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<tr>
<td>EDD-717</td>
<td>Internship for School Leadership P-12</td>
<td>1</td>
<td>Summer Term</td>
<td>OL</td>
<td>This course is designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections. This class is only for those candidates seeking a principal endorsement.</td>
</tr>
<tr>
<td>EDD-720</td>
<td>Contemporary Issues in Education</td>
<td>3</td>
<td>All Terms</td>
<td></td>
<td>Designed to extend the doctoral learner’s understanding of contemporary issues in education. Learners will examine current and emerging issues in education as well as trending topics impacting teaching, leadership and learning. Learners will analyze the following topics: a) inclusion of diverse learners in American schools; b) demographic shifts; c) poverty and affluence; d) globalization; e) technology and social media; f) data-based decision making; and g) recent research on student achievement with specific emphasis on subgroup performance.</td>
</tr>
<tr>
<td>EDD-721</td>
<td>Education Law and Policy P-12</td>
<td>3</td>
<td>Summer Term</td>
<td></td>
<td>Provides legal foundations of U.S. public schools (Federal and State) examines general principles of statutory and case law and applies judicial decisions to educational environments. This course will examine many current legal policy issues in local and national elementary and secondary education, including school finance litigation; school discipline and the rise of &quot;Zero Tolerance&quot; policies (Casella 2003); bullying prevention and intervention; cyber-bulling; LGBT bias; educator evaluation systems; and special education; in addition to other topics that may arise during the course. Students will be able to use current education law and legal precedents to make effective educational leadership decisions in the areas of student's rights, academic freedom, religion and education, discipline, discrimination, negotiations and special education. This course is designed to provide current and future school leaders with the knowledge and skills they will need to make sound decisions, advance important educational objectives, and minimize legal problems.</td>
</tr>
</tbody>
</table>
EDD-722 Leading Digital Learning and Innovation in Education: Empowered Learners and Organizations Credits: 3
Term Offered: All Terms
Course Type(s): None
Investigates and analyzes the theories of disruptive innovation in leading continuous school transformation. Additionally, this course will enable students to practice systemic solution, evaluation, design and development associated with integrating emerging innovations in education. The research literature associated with digital learning will be used to explore the nature of digital learning, where it occurs, how we experience it, how we think about it, and how we can use digital tools to enhance learning. Course content includes 1) readings related to action in the profession, such as disruptive innovation, leading change in self-organized networks, action research, and participatory action research; and 2) a survey of topics associated with the thinking process associated with active approaches to learning, such as reflection, design thinking, creativity, and school innovation. Activities and assignments will include group discussions, individual and group presentations, action research, and classroom observation and analysis.

EDD-724 Organizational Leadership Theory and Research Credits: 3
Course Type(s): None
Organizational Leadership Theory and Research in education will examine the study, practice, and theory of educational leadership by exploring organizational change theories and analyzing tools necessary for leading system wide change. Students will explore systems within organizations that promote or hinder the change process. With this course, students will enhance their understanding of educational organizations and construct an organizational change project within his/her own school or district.

EDD-750 Advanced Program Analysis Credits: 3
Term Offered: Fall Term
Course Type(s): None
This course examines the key concepts, methods, and approaches in the field of evaluation research, and program development. It is designed to be taken in conjunction with Transformative Leadership Dissertation for doctoral students and will support the candidate’s plan development. Students will be exposed to the basic principles and best practices in educational program evaluation as well as the process of using evaluations and data driven assessment, that is unique to their district, to make decisions on the implementation of new programs or on the continuation of existing programs. Some statistical analysis, combined with a comprehensive range of activities involved in designing and implementing educational programs will be the primary focus of the course. This course will also present students with the larger political, administrative, and financial issues that occur in program evaluation.

EDD-752 Quantitative Research Credits: 3
Course Type(s): None
Introduces educational leaders to concepts in quantitative research in preparation for conducting independent research. There is a focus on critically understanding quantitative research methodology and the ability to apply it appropriately to various education issues. In addition, students will become familiar with the statistical program SPSS, as well as, how statistics can be utilized to address relevant educational issues.

EDD-754 Leadership and Assessment Credits: 3
Term Offered: Fall Term
Course Type(s): None
Designed to focus on student achievement and service to diverse student populations, implementation of the Standards, research-based pedagogical innovations, and successful use of summative and formative assessment measures. Current models used to assess students’ learning will be examined, including the use of performance criteria. Students will develop instruction and development plans to be implemented in their own organizational settings. These plans must show the alignment of instruction and assessment to student learning outcomes.

EDD-756 Qualitative Research Credits: 3
Term Offered: Spring Term
Course Type(s): None
Designed to provide a general understanding of qualitative research methods and issues related to the design and conduct of qualitative studies. The course emphasizes experiential learning. You will have opportunities, both in class/lab and outside class, to learn by doing. Throughout the course you will be asked to reflect on what you are learning; this reflection on the practice of research will enhance your capacity to read, evaluate, design, and conduct qualitative studies. If you wish to pursue qualitative research projects, this course will provide you with the basic knowledge and skills you will need, but it is not a substitute for extensive reading and thinking about specific methods and their use, and additional learning through courses and supervised research experiences. The general aim of the course is to facilitate understandings of the following questions: 1. What is qualitative research? 2. What constitutes quality qualitative research? 3. What are the various tools/methods of a qualitative researcher? 4. What are the critical components of a qualitative research proposal?

EDD-760 Dynamic Leadership in Higher Education Credits: 3
Term Offered: Spring Term
Course Type(s): None
This course is intended to give you an understanding of the various theories that inform leadership education and practice in colleges and universities. In this course, you are invited to see leadership as discipline that transcends functional area, serving as a framework to lead and guide within higher education and beyond. As a participant in this class, you are asked to not only look at the leadership theories presented in class to formulate your approach as an educator, but also how you see these theories inform the ways in which you move and engage with the world around you.

EDD-762 Governance in Community Colleges Credits: 3
Course Type(s): None
This course is planned for current and prospective community college faculty, staff and administrators who seek to learn more about America’s comprehensive community colleges and their role in the post-secondary knowledge industry. The course topics this semester will deal with the several major issues/topics that are critically important to community colleges. Community colleges offer vast new opportunities in higher education leadership. By engaging in intensive research, interactive discussions, continuous reading and writing, and creating new digital platforms for students and faculty, the participants in this course will develop the skills necessary to redefine the first steps of tertiary education in the twenty-first century.
EDD-764  Higher Education Law and Policy  Credits: 3
Term Offered: Fall Term
Course Type(s): None
This course examines legal issues relevant to American colleges and universities to provide students with the fundamental knowledge of higher education law for administrators. The law provides for a supporting role to the overall mission of a college or university, and without its adherence, the mission may be negatively affected, if not unaccomplished. EDD 764 Higher Education Law and Policy provides students with an overview of the major aspects of the legal environment that specifically impact institutions of higher education. Institutions of higher education are affected by laws that range from privacy and reporting to admissions and financial aid practices. This course offers students an opportunity to use legal resources, to learn strategies for addressing these legal requirements and for staying abreast of emerging legal concerns in higher education. Topics include the legal governance of higher education, academic freedom, affirmative action, and legal issues pertinent to faculty and students.

EDD-766  Higher Education in the United States  Credits: 3
Term Offered: Summer Term
Course Type(s): None
This course is designed to help you think about colleges and universities and the historical and social forces that have affected their development in the United States. Since education is an issue we often think about in personal terms, especially higher education, the course is intended to use our own knowledge and insights as a starting point, and to expand upon our reasoning skills as we study these issues historically. We will do this by reading, discussing and thinking about colleges and universities and the students that attended them in the past. Through this, the aim of this course is to provide everyone with a sound framework for using historical analysis to interpret problems in higher education, and in the development of American society. In the course of doing this you will be asked to offer evidence of your learning, particularly with regard to your historical reasoning abilities. You will do this through discussion of readings, in class presentations and exploration of key issues, and through your written work. It is critical, in that case, that you attend every class, complete assigned readings on schedule, and submit written work when expected.

EDD-768  Higher Education Finance  Credits: 3
Term Offered: Spring Term
Course Type(s): None
The purpose of this course is to understand the concepts related to Higher Education Finance and its impact upon the Higher Education system in the United States. The course will provide an introductory examination of financial, economic, and budgetary issues within higher education. Focusing on not-for-profit postsecondary schools, students will review the primary political, economic, and social issues influencing higher education finance, examine revenue streams and expenditure patterns, survey tuition and financial aid policies, develop the ability to examine and analyze financial information, and assess the budget as an instrument of strategic planning, resource allocation, and control. The course is grounded in literature, theories, and examples specific to higher education. The goal is to provide students with the knowledge and abilities that empower them to make appropriate decisions as higher education leaders. Course Goals: This course aims at a working understanding of the economics of higher education finance. Thus, students at the end of the course should be able to: 1) Understand key economic concepts bearing on higher education finance in the United States and abroad; 2) Understand the logic of financial decisions in higher education; and 3) Apply such concepts and logic to various finance projects of their choosing.

EDD-799  Independent Study Education (DOC)  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent Study in Education Doctorate Level. Prior permission of the directing professor and department chair is required to take this course.

EDD-801  Research Design  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Focus will be on the development of a theme for the student's transformative leadership project. The Transformative Leadership Project provides opportunities for doctoral candidates to engage in leadership-related, authentic, action-research experiences in approved settings. Balancing theory with practice, working under the mentorship of an Ed Leadership Professor in collaboration with a superintendent or assistant superintendent, candidates will be immersed in the realities of practice and hone their research skills while solving relevant, school-based challenges. After a detailed needs assessment, the students will be required to decide on one program in their school district that needs to be improved. Doctoral candidates will utilize the design process in order to identify an organizational challenge, create a solution, implement, measure, and redesign as appropriate. Sessions will encompass a blended learning model where candidates will have the opportunity for face to face experiences with peers as well as virtual sessions and ongoing support. Learning activities are experiential and research driven, reflect the School of Education’s Conceptual Framework, and are linked to the leadership paradigm advocated by the 2015 Professional Standards for Educational Leaders (Standards 1-10) and 2011 ELCC Standards (1-7). In addition to guiding students through an action research project, this course will address theoretical, philosophical, and epistemological questions around action research. We will discuss the tradeoffs that come with action research compared to more traditional research—how can insider status better inform research, and what might we lose compared to traditional research methods? How can the actions research framework better solve organizational problems, and on the other hand what insights may be lost by focusing on a single organization’s questions or problems? This seminar will meet once a month for the fall and spring semesters. In addition to being a research design class, the class will also guide students through the actions research process that they can employ in other research, as well.
EDD-802 Writing for Professional Publication in Education  Credits: 1-3
Term Offered: Summer Term
Course Type(s): None
The Transformative Leadership project classes provide opportunities for doctoral candidates to engage in leadership-related, authentic, action-research experiences in approved settings. Balancing theory with practice, working under the mentorship of an Ed Leadership Professor and in collaboration with a superintendent or assistant superintendent, candidates will be immersed in the realities of practice and hone their research skills while solving relevant, school-based challenges. Doctoral candidates will utilize the design process in order to identify an organizational challenge, create a solution, implement, measure, and redesign as appropriate. Sessions will encompass a blended learning model where candidates will have the opportunity for face to face experiences with peers as well as virtual sessions and ongoing support. Learning activities are experiential and research driven, reflect the School of Education’s Conceptual Framework, and are linked to the leadership paradigm advocated by the Professional Standards for Educational Leaders (formerly ISLLC). This course is designed to introduce doctoral students to the professional publication process. Students will engage in two major activities during the course: 1) learning how to organize a dissertation to fulfill the program requirements for the transformative learning project and 2) to write an article for professional publication. To meet the first requirement, you will revise your three-chapter project proposal created during EDD-801 Research Design, make a formal project proposal for the second year of the program to your dissertation committee, and learn how to write chapters 4 and 5 of the dissertation. To meet the second requirement, you will become familiar with editorial policies of relevant periodicals, identify various professional publication outlets, and review manuscripts using professional editorial criteria. The course will culminate in a finished manuscript submitted for publication.

EDD-803 Design-Based Research  Credits: 1.5-3
Term Offered: Fall Term
Course Type(s): None
The Transformative Leadership project classes provide opportunities for doctoral candidates to engage in leadership-related, authentic, action-research experiences in approved settings. Balancing theory with practice, working under the mentorship of an Ed Leadership Professor and in collaboration with a superintendent or assistant superintendent, candidates will be immersed in the realities of practice and hone their research skills while solving relevant, school-based challenges. Doctoral candidates will utilize the design process in order to identify an organizational challenge, create a solution, implement, measure, and redesign as appropriate. This course has two main purposes. First, it introduces students to different design-based research methods in educational research. Second, it provides students with an intensive experience in carrying out their own design-based research studies. Through a combination of readings, lectures, demonstrations, discussions, site visits and class exercises, students will be introduced to the issues and practices associated with design-based research and how different researchers engage in this kind of work. By learning about the work of different researchers, students will also be introduced to distinct forms of design-based research in education. In their transformative learning project, students will apply what they have learned to the design and conduct of their own design-based research studies. Design-based research is a research approach that systematically investigates teaching, learning and/or training phenomena through multiple cycles of design, development, evaluation and implementation of educational interventions (which may consist of curriculum/training interventions, systemic school programs, informal or formal teaching-learning strategies and materials, technology-based products and systems, etc.). This course will examine the history of this research approach along with related current literature, commentary and research. This form of inquiry necessarily involves foundational features of design practice as well as quantitative and qualitative research as appropriate. This course is not a substitute for coursework on quantitative or qualitative methods. It is actually intended to complement such courses. The purposes a scholar intends to achieve determine the appropriate form of inquiry.
EDC-500  Introduction to Professional Counseling  Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed as an introduction to the counseling profession with an emphasis on school counseling and student affairs. Traces the history of the school counseling profession, exposes the student to theoretical positions and approaches of counselors, orients the student to an initial understanding of legal and ethical obligations, prepares the student for school counseling, student affairs and the culture of schools and university, differentiates school counseling and student affairs from other counseling specialties and other school professionals, and provides the basis for continued studies in the counseling program.

EDC-501  Introduction to College Student Development and Student Affairs  Credits: 3
Term Offered: Fall Term
Course Type(s): None
A foundational overview of the theory and practice of student affairs administration and college counseling with an emphasis on educating emerging professionals to facilitate development in postsecondary students and environments within higher education. This course will focus on college student development theory and developing supportive frameworks necessary to promote student success.

EDC-505  Counseling and Ethical Practice  Credits: 3
Term Offered: All Terms
Course Type(s): None
An intensive introduction to counseling skills and ethical principles within the school/university environment. Skills in counseling responses, feedback, goal setting, termination and follow-up are practiced in a clinical setting. Integration of ethical and legal procedures into school counseling/student affairs practice with children, families, and young adults is emphasized. A combination of theory and practice through role-play, videotape practice, and supervisory feedback.

EDC-510  Human Growth and Development  Credits: 3
Term Offered: All Terms
Course Type(s): None
A study of principles and concepts of cognitive, personality, and social development from conception through death. An overview of empirical research and theoretical frameworks used in the study of life-span human development with a special emphasis on school-age and young adult populations. Uses both lecture and seminar formats. Students should be able to discuss the major theoretical questions involved in the study of life span development, as well as be able to discuss current findings in the areas of social, cognitive, personality, and moral development and the implications for student success in school and throughout the life span.

EDC-515  Risk and Resiliency in Children and Adolescents  Credits: 3
Course Type(s): None
Examines the developmental trajectory for at-risk children and adolescents and factors that promote resilience. Thoroughly examines the etiology of alcohol and drug abuse. Factors that contribute to school failure and success will also be addressed. Candidates will be able to identify risk (e.g. poverty, disabilities, child maltreatment, etc.) and protective factors and identify interventions that promote positive developmental outcomes.

EDC-517  Community Mental Health  Credits: 3
Course Type(s): None
An overview of mental health counseling within community and health/human services settings. Reviews prevention, intervention, and needs assessment, as well as program implementation and evaluation, in a comprehensive way. Client advocacy, governmental policies, obtaining funding, and other aspects of the delivery of human services are explored, with particular focus on the management and ethical standards of all administrative and clinical counseling services related to mental health programs.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Prerequisite(s)</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDC-520</td>
<td>Advanced Topics in Race and Racism</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>EDC-535</td>
<td>Targets advanced topics in race and racism. More specifically, the course will progress through discussions and education about the history of race and related racism in the United States; current systemic racial inequities; personal and societal racism and its impacts on People of Color and Whites; White cultural norms and related power and privilege; White ethnicity and its relation to race and racism, and; skill building in antiracist advocacy for counselors. This is a pass/fail course.</td>
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<tr>
<td>EDC-525</td>
<td>Assessment for Counseling</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td></td>
<td>Covers the theories and practice of selection, administration, and interpretation of various instruments used in school and university settings to measure achievement, intelligence, aptitude, and ability with an overview of the ethical and legal use of these instruments. Statistics necessary to understand test data will be examined as well as strategies necessary to communicate test results to clients, parents, adults, and school personnel. Part theory and part skill laboratory where students will practice the administration of various educational instruments.</td>
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<tr>
<td>EDC-530</td>
<td>Counseling Theory and Practice</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>EDC-500</td>
<td>Explores the major counseling theories and related techniques with emphasis on translating counseling theory into effective practice with children, adolescents, adults, and families in schools and universities. Special attention is given to experiential analysis and the demonstration of effective school counseling skills using the various theoretical modalities. Part theory and part counseling skills laboratory with intensive role-play, discussion and feedback.</td>
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<td>EDC-535</td>
<td>Diversity and Social Justice</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td></td>
<td>Explores the importance of becoming multiculturally competent school/university counselors as well as to understand students and their families within their unique cultural, historical, and ethnic contexts. Emphasis is placed on individual, group and systemic counseling models and interventions to promote multicultural sensitivity, diversity, equity, and access for all students. Extensive personal development experiences, role-play, and Triad Model practice are provided.</td>
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<tr>
<td>EDC-540</td>
<td>Group Counseling</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>EDC-500, EDC-505, and EDC-530</td>
<td>Designed to provide an overview of the basic process, dynamics, theoretical components, and developmental aspects of group counseling. It encompasses an increase in counselor skills, group leadership and facilitation. Emphasis is placed on understanding the diversity of students and their families. Combines the use of lectures, discussion, experiential exercises, readings, and journaling to advance students’ knowledge and skills in group counseling. Emphasis on working with diverse groups is also integrated into the course. Students will explore group leader and member roles through participation in various group situations.</td>
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<tr>
<td>EDC-541</td>
<td>Leadership and Administration of Campus Environments</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td></td>
<td>A complete overview of administration, organization and governance models of American higher education institutions. Through gaining a conceptual understanding of the college and university campus as an environment, this course will focus on leadership and social justice systems approaches necessary to facilitate a culture to promote the retention and persistence of postsecondary students within campus environments.</td>
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<tr>
<td>EDC-545</td>
<td>Career Development and Counseling</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>EDC-500, EDC-505, and EDC-530</td>
<td>Designed to explore career counseling, development theory, and practices with consideration for life roles, diversity issues, and nontraditional careers within the context of school and university settings. Theories, models, techniques, and resources including consultation relevant to decision making, assessment, career planning, and placement are addressed with attention to computer-based applications and Internet resources. Education majors only.</td>
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<tr>
<td>EDC-550</td>
<td>Counseling At-Risk Children and Families</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>EDC-500, EDC-505, and EDC-530</td>
<td>Counseling, intervention, and referral techniques for at-risk children, adolescents and their families with intensive practice in family counseling and crisis intervention skills. Family theory and applications for practical skills in the school environment are emphasized through various experiential learning activities. The school counselor’s role as an advocate and direct service provider for students and their families with multiple risk factors is emphasized.</td>
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<tr>
<td>EDC-555</td>
<td>School Counseling Program Planning and Consultation</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>EDC-500, EDC-505, and EDC-530</td>
<td>A comprehensive data-driven overview of the theory and practice for designing, implementing, and evaluating a comprehensive school counseling program P-12. Consultation within a school setting will be emphasized in this course. Multidimensional approaches will be studied, including school-based consultation, case consultation, systems consultation, and consultation with a school counseling program. Empirical research will be utilized in conjunction with school counseling programs based on national standards.</td>
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<tr>
<td>EDC-560</td>
<td>Consultation Procedures for Counseling</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>EDC-500, EDC-505, and EDC-530</td>
<td>Explores foundational concepts, theories, and models fundamental to school-based practices. Multidimensional approaches will be studied, including school-based consultation, case consultation, systems consultation, and consultation with a school counseling program. Consultation procedures are emphasized as a central part of the school counselor competencies in a multicultural environment. Includes consultation case conceptualization, role play, clinical demonstrations, reflections, and course projects.</td>
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EDC-565  Supervision of Counselors  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Explore current foundational concepts, theories, and models fundamental to the administration of supervision of school counselors, and student service professionals within an educational environment. Multidimensional approaches to clinical supervision will be addressed using supervision models, including practical experience for counseling professionals who have responsibility directing the personal and professional development of school counselors. Critical analysis of theories of counselor supervision, techniques associated with theories, and assessment of supervision models will be examined. Also explores the benefits and shortcomings of individual versus group supervision, with particular focus on characteristics that make for a competent supervisor and effective supervisory relationships. Further explores the role of both supervisor and supervisee, ethical and legal considerations, evaluative criteria, cultural and gender issues, research and social justice.

EDC-570  Alcohol and Drug Abuse Programs and Services  Credits: 3
Course Type(s): None
A comprehensive study of alcohol and drug programs and services in the school and community including research-based prevention and intervention programs, chemical health curricula, policy, and staff development. Emphasis on the role of the substance awareness coordinator in organizing and coordinating intervention and referral services and multidisciplinary intervention teams.

EDC-575  Alcohol and Drug Assessment and Counseling  Credits: 3
Term Offered: Spring Term
Course Type(s): None
A comprehensive approach to assessment and treatment planning with alcohol and drug-affected students, including the intake interview, clinical assessment, and administration and interpretation of formal and informal instruments. Attention is given to the roles of the substance awareness coordinator and the counselor in assessment, referral, and intervention.

EDC-580  Behavioral Issues in Counseling  Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed to explore the contemporary behavioral issues that affect preschool through university level students and their families. Emphasis will be placed on a comprehensive understanding of commonly encountered behavioral issues such as ADD/ADHD, Persuasive Development Disorders, and Mood Disorders. Students will learn the process of identification, assessment, intervention, and follow-up of working with students with such issues.

EDC-598  Special Topics in Educational Counseling  Credits: 3
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and the professor. The exact nature of the topic covered in any given semester is indicated on the student's transcript. If a prerequisite is required it will be announced in the course schedule.

EDC-599  Independent Study in Educational Counseling  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of a counseling faculty member. Written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this class. Application must be filed before registration.

EDC-600  Practicum in Counseling  Credits: 3
Prerequisite(s): EDC-500, EDC-505, EDC-530, and EDC-535
Term Offered: All Terms
Course Type(s): None
An intensive supervised 100-hour, field-based experience in the school or university, which provides an orientation to the school counselor's role within a school counseling program or student affairs program. Provides supervised opportunities to practice individual and group counseling skills along with day-to-day tasks of the school counselor/student affairs professional. Additionally, intensive individual and group supervision is provided through videotaped and/or audio taped sessions.

EDC-601A  Internship in Counseling I: School Counseling  Credits: 3
Prerequisite(s): EDC-500, EDC-505, EDC-520, EDC-530, EDC-535, EDC-540, EDC-600 and completion of twenty-four credits
Term Offered: All Terms
Course Type(s): None
An intensive supervised 300-hour field-based experience, which allows students who have completed the practicum to participate in a range of professional experiences expected of a school counselor or student affairs professional. Includes a requirement of documented supervised work as a student school counselor under the supervision of a practicing school counselor/student affairs professional and intensive individual and group supervision in the university seminar through videotaped and/or audio taped sessions. Students in the school counseling track should register for EDC-601A and students in the student affairs/college counseling track should register for EDC-601B.

EDC-601B  Internship in Counseling I: Student Affairs/College Counseling  Credits: 3
Prerequisite(s): EDC-500, EDC-505, EDC-520, EDC-530, EDC-535, EDC-540, EDC-600 and completion of twenty-four credits
Term Offered: All Terms
Course Type(s): None
An intensive supervised 300-hour field-based experience, which allows students who have completed the practicum to participate in a range of professional experiences expected of a school counselor or student affairs professional. Includes a requirement of documented supervised work as a student school counselor under the supervision of a practicing school counselor/student affairs professional and intensive individual and group supervision in the university seminar through videotaped and/or audio taped sessions. Students in the school counseling track should register for EDC-601A and students in the student affairs/college counseling track should register for EDC-601B.

EDC-602A  Internship in Counseling II: School Counseling  Credits: 3
Prerequisite(s): EDC-601A or EDC-601B
Term Offered: All Terms
Course Type(s): None
An intensive supervised 300-hour field-based experience, which allows students who have completed the practicum to participate in a range of professional experiences expected of a school counselor or student affairs professional. Includes a requirement of documented supervised work as a student school counselor under the supervision of a practicing school counselor/student affairs professional and intensive individual and group supervision in the university seminar through videotaped and/or audio taped sessions. Students in the school counseling track should register for EDC-602A and students in the student affairs/college counseling track should register for EDC-602B.
EDC-602B Internship in Counseling II: Student Affairs/College Counseling Credits: 3
Prerequisite(s): EDC-601A or EDC-601B
Term Offered: All Terms
Course Type(s): None
An intensive supervised 300-hour field-based experience, which allows students who have completed the practicum to participate in a range of professional experiences expected of a school counselor or student affairs professional. Includes a requirement of documented supervised work as a student school counselor under the supervision of a practicing school counselor/student affairs professional and intensive individual and group supervision in the university seminar through videotaped and/or audio taped sessions. Students in the school counseling track should register for EDC-602A and students in the student affairs/college counseling track should register for EDC-602B.

EDC-606 Research Methodology and Applications Credits: 3
Term Offered: All Terms
Course Type(s): EDRES
Designed to provide the students with a basic understanding of the practical and theoretical applications of educational research methodology. Beginning with an examination of the role of research in education, students will be guided through the process of reviewing and analyzing information and data from a variety of sources, comparing and contrasting the different types of research designs, understanding the role of descriptive and inferential statistics, and the development of a research project.

EDC-610 SAC Internship Credits: 3
Prerequisite(s): PC-540, PC-515 or EDC-510 or SW-509; PC-542 or EDC-604 or SW-604; PC-510 or SW-518; EDC-555 and permission of the instructor
Term Offered: All Terms
Course Type(s): None
A supervised three-credit, 300-hour field-based supervised experience in the school, which allows students to intern as a student assistance coordinator. This is the culminating activity of the student assistance coordinator program in which students will apply what they have learned in a school setting.

EDC-699 Independent Study: Ed Counsel Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of a counseling faculty member. Written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

Education Educational Leadership (EDL)

EDL-502 Development and Learning in Early Childhood Credits: 3
Course Type(s): None
Studies designed to foster understanding of the dynamic continuum of development and learning in children from birth through age eight. Typical and atypical development of young children is addressed through a multicultural perspective. Developmental factors that impact learning in preschool and the primary grades are emphasized. Approaches to learning grounded in developmental theory are presented with an emphasis on developmentally appropriate practice.

EDL-503 Literacy Instruction Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the literacy development and instruction of regular and special education children, including those from linguistically diverse backgrounds in grades P-6. Ongoing assessment and instructional strategies will be explored in various engaging, literate, educational settings. Education majors only. Clinical experience hours required.

EDL-504 Introduction to Educational Leadership and Supervision for Student Learning P-12 Credits: 3
Term Offered: All Terms
Course Type(s): None
An introduction to the conceptual, theoretical, and practical foundations of educational administration and supervision. Examines the knowledge and research base of learning theory and the role of administrators and supervisors as instructional leaders in transferring theory into best practices to enhance student learning and sustain professional learning communities.

EDL-515 Advanced Literacy Instruction Credits: 3
Term Offered: All Terms
Course Type(s): EDFOU, MAT
Focuses on pedagogy and theories that are applicable to teaching literacy to beginning, struggling, and skilled readers. Topics include approaches for teaching literacy to a diverse population of P-12 Learners in a literate environment and assisting in supporting colleagues and paraprofessionals. Word identification, vocabulary, comprehension, and content strategies will be presented. Education majors only.

EDL-516 Literacy Strategies for All Learners I Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores word identification and vocabulary research and instructional strategies for all learners including those from culturally diverse backgrounds. Individual and group instructional techniques in the area of phonemic awareness, phonics, word recognition, vocabulary, and fluency are explored in environments that promote collaboration and self-regulation. Instructional teaching strategies and techniques for coaching colleagues and paraprofessionals are practiced in real settings.

EDL-517 Literacy Strategies for All Learners II Credits: 3
Term Offered: Spring Term
Course Type(s): None
Addresses comprehension research and instructional strategies for all learners including those from culturally diverse backgrounds. Individual and group comprehension strategies, metacognition, and student self-evaluation are explored and practiced in collaborative education settings. Instructional teaching strategies and techniques for coaching colleagues and paraprofessionals are practiced in real settings.

EDL-521 Early Childhood Family, School and Community Collaboration in a Diverse Society Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the process of family assessment and intervention, issues of family and professional collaboration and diversity, and methods of promoting adult communication and management strategies. It applies the knowledge of cultural and linguistic diversity and the significance of socio-cultural and political contexts as they relate to the family, culture and society. It identifies the members of teams designed to support and optimize children’s health, growth, and development and the network of community services to individuals, families and groups handicapped by social, environmental, health and related problems.
EDL-522 Early Literacy and Language Development Credits: 3
Course Type(s): None
Focuses on the early literacy and language development of regular and special education children, ages three through eight. The content includes the study of the theories and acquisition of language, the interrelated nature of reading and writing, the appropriate development and assessment of early literacy, methods for engaging and motivating young learners, and the importance of family involvement.

EDL-525 Multicultural Literature and Literacy Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on multicultural literature and how it is integrated into a classroom and/or school-wide literacy program. A wide array of multicultural literature and other genres for children and young adults will be presented, studied and integrated into a Teacher Work Sample. Coaching colleagues and paraprofessionals is emphasized.

EDL-526 Strategies for Teaching Writing, K-12 Credits: 3
Term Offered: Summer Term
Course Type(s): None
Provides an in-depth study of strategies for teaching various types of writing to elementary and secondary students. It involves assessing and instructing students who require assistance with the development of written expressive language under the direction of a University supervisor.

EDL-527 Literacy Trends and Issues Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on issues, problems, and trends in the field of literacy. The content includes the study of divergent viewpoints and research regarding theories, instructional strategies, assessment, classroom environment and professional development.

EDL-530 School Law and Policy Credits: 3
Term Offered: All Terms
Course Type(s): None
A study of court decisions addressing the legal principles affecting education, schools, and school professionals. Constitutional, statute, and administrative laws related to education are examined and analyzed through case studies and Socratic methods.

EDL-531 Economics and School Business Leadership Credits: 3
Course Type(s): None
Should be thought of as an applied economics course. It will focus on the topics that are of the greatest interest and importance to school business administrators. Applies topics in economic theory to administrative decision making. This course is concerned with the relationships between schools, consumers, and the economic environment in which they operate.

EDL-532 Human Resource Management and School Finance Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides combined theory and practice of human resource management and public school finance in relation to expenditures and resources, and state and federal support of education in local school districts.

EDL-533 Community Relations Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines the theoretical and practical approaches for establishing effective school/community relations and the role of the educational leader in promoting the success of all students by collaborating with families and other community members.

EDL-534 Principles of Accounting for School Business Administrators Credits: 3
Course Type(s): None
Provides the candidate with a basic understanding of the Generally Accepted Accounting Principles (GAAP) used in the School Business Administrator’s office. The topics of tax levies, budgeting, purchasing, bidding, and referenda will also be discussed.

EDL-535 School Facilities Planning and Management Credits: 3
Course Type(s): None
Provides school district administrators the fundamental concepts of planning, designing and constructing new educational facilities and/or the rehabilitation, remodeling or modernization of existing facilities. Additionally, the course includes operation and maintenance programs.

EDL-536 Curriculum Development and Design Credits: 3
Term Offered: All Terms
Course Type(s): EDCUR
Examining models of curriculum development, candidates evaluate, design and develop effective curricula to support the instructional process and enhance student learning experiences.

EDL-537 Technology for School Leaders Credits: 3
Course Type(s): None
Focuses on the practical applications and the authentic use of technology to provide instructional and administrative support of the learning community.

EDL-539 Instructional Theory and Leadership for Student Learning Credits: 3
Term Offered: Spring Term
Course Type(s): None
Examines the knowledge and research base of learning theory and the role of the instructional leader in transferring theory into best practices to enhance student learning and sustain professional learning communities.

EDL-551 The In’s and Out’s and Do’s and Don’ts of Embracing Technology Tools in the Classroom Credits: 3
Term Offered: Spring Term
Course Type(s): None
Focuses on the use of educational technology in classroom settings and the strategies, resources, planning, and assessment of an effective program. Addresses collaboration with colleagues regarding the ethical boundaries of excursions, ways to fit in technology that saves time and provides meaningful experiences to learners at all levels and curricular areas. Students will become familiar with relevant text materials and participate in an exploration of resource options for utilizing technology for various purposes during instructional planning and execution of plans. Materials, methods and strategies will be prepared and ready-to-utilize for authentic purposes, upon completion of this course.

EDL-552 Creative Technology: Utilizing Technology to Ignite a Passion for Learning Credits: 3
Course Type(s): None
Through graphic design and the integration of digital photography, Flip Video, software such as PowerPoint, the Print Shop, and multi-media projection devices, the opportunity to use technology for stimulating, engaging and motivating students will be explored. Enables students to explore and develop exciting learning experiences. Includes ways to utilize resources in routine lesson planning and to make technology an exciting aspect of all lesson plans.
EDL-553 Technology Integration: Methods for Successfully Meeting Diverse Learning Needs Within a Classroom

Prerequisite(s): EDL-551 and EDL-552
Term Offered: Spring Term
Course Type(s): None

Expands further upon the various forms of technology available for classroom use. Students will develop engaging learning activities designed to meet the diverse learning needs within a classroom. Opportunities will be provided to explore the various possibilities for modifications and adaptations made possible via specific technology tools. Helps students maximize learning opportunities through the use of Podcasts, instant messaging, text-to-speech capabilities, WebQuests, and more.

EDL-554 A Proactive Approach to Technology Implementation Across the Curriculum

Prerequisite(s): EDL-551 and EDL-552
Term Offered: Spring Term
Course Type(s): None

Focus is on helping students infuse teaching with meaningful technology across the curriculum. Students will have the opportunity to create, share, demonstrate and showcase a portfolio of resources, strategies, methods and varied options for technology integration through the creation of an authentic classroom technology plan. Through collaboration, guidance practice then independent work, students will embrace all aspects of technology integration and work step-by-step to create a ready-to-use plan.

EDL-560 Early Childhood Curriculum Assessment for Inclusive Environments

Course Type(s): None
Curriculum and assessment for early childhood programs serving children in preschool through age eight. Multidimensional, ongoing, and performance-based assessment strategies are addressed. Characteristics of developmentally appropriate curricula are explored. Development of learning environments that respect diversity and create opportunities for active participation of all children are emphasized.

EDL-564 Assessment and Instruction in Literacy I

Term Offered: All Terms
Course Type(s): EDAST

Focuses on the principles of ongoing assessment and instruction of K-12 students' reading and writing development. Strategies to select, use, and interpret appropriate standardized, criterion-referenced, and informal assessment measures will be provided. Techniques for analysis of students' literacy strengths and weaknesses and techniques for coaching colleagues and paraprofessionals will be addressed. Individual and group literacy strategies are explored and practiced in public school classrooms and a clinical setting.

EDL-565 Assessment and Instruction in Literacy II

Prerequisite(s): EDL-564
Term Offered: Spring Term
Course Type(s): None

Focuses on assessment and instructional literacy strategies for assisting all learners, including those with diverse backgrounds. The content includes the theory and practice of portfolio assessment and varied instructional strategies as well as the integration of technology. Individual and group literacy and coaching strategies are explored and practiced in public school classrooms and a clinical setting.

EDL-566 Diagnosis and Remediation of Literacy Problems I, Secondary

Course Type(s): None

Involves a field-based component, which focuses on assessing and evaluating secondary students' reading and writing. Strategies to select appropriate standardized, criterion-referenced and informal assessment measures will be provided. Techniques for the analysis of literacy difficulties and the formulation of remediation plans will be addressed.

EDL-569 Public School Supervision and Communication

Prerequisite(s): EDL-536 or EDL-565
Term Offered: All Terms
Course Type(s): None

Aspiring supervisors and principals will develop a greater understanding of the knowledge, interpersonal skills, and technical processes necessary to provide developmental supervision and professional growth experiences for staff members.

EDL-572 Current Topics in Educational Psychology

Course Type(s): None
Several important contemporary theoretical, applied, and methodological issues in various areas of educational psychology are selected by the instructor for inclusion in the course. Seminar discussions focus on the critical evaluation of the recent literature in the areas selected.

EDL-575 Methods of Teaching Language Arts and Content Literacy at the Elementary Level

Prerequisite(s): ED-510, ED-550, ED-552 and EDL-503
Term Offered: All Terms
Course Type(s): None

Focuses on the literacy instruction of regular and special education children, including those from linguistically diverse backgrounds in grades P-6, across various content areas. Ongoing assessment and instructional strategies will be explored in various engaging, literate, educational settings. Education majors only. Clinical practice hours required.

EDL-582 Practicum in Supervision and Curriculum P-12

Prerequisite(s): EDL-569 or EDL-565
Course Type(s): None

Application of duties and responsibilities of the supervisor and/or curriculum specialist to an in-school supervised practicum project.

EDL-585 Practicum in Literacy

Prerequisite(s): EDL-515, EDL-564 and EDL-565
Course Type(s): None

Concentrates on the clinical assessment and instruction of students who have difficulty with reading and writing. The practicum involves instructional sessions, observing colleagues tutoring, and being observed during a seamless assessment and instruction cycle. In addition, self-assessment is encouraged via the use of videotaped teaching sessions and in-depth, collaborative case discussions.

EDL-588 Topics in School Leadership, Supervision, and Curriculum P-12

Prerequisite(s): EDL-569
Co-requisite(s): EDL-590A
Course Type(s): None

Principles, problems, and techniques relative to the duties and responsibilities of the elementary and secondary school administrator and/or supervisor will be discussed in conjunction with the ELCC Standards including curriculum review and revisions. Practical application of these concepts will be the primary focus of the course and the course assessments.
EDL-589  Advanced Topics in School Leadership, Supervision, and Curriculum P-12  Credits: 3
Prerequisite(s): EDL-588
Co-requisite(s): EDL-590B
Course Type(s): None
Principles, problems, and techniques relative to the duties and responsibilities of the elementary and secondary school administrator and/or supervisor will be discussed in conjunction with the ELCC Standards. Further extending the practical application of the concepts in EDL-588 will be the primary focus of the course and the course assessments.

EDL-590A  Internship for School Leadership (P-12) I  Credits: 1
Co-requisite(s): EDL-588
Term Offered: All Terms
Course Type(s): None
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

EDL-590B  Internship for School Leadership (P-12) II  Credits: 1
Co-requisite(s): EDL-589
Course Type(s): None
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

EDL-593  Administration and Supervision of Literacy Practices and Professional Development for School Leaders  Credits: 3
Prerequisite(s): EDL-569
Term Offered: All Terms
Course Type(s): None
Focuses on the principles, methods, and materials applicable to the administration, organization, and supervision of literacy programs as well as the coaching of staff and colleagues. Students are involved in observation, supervision, and a long-term staff development program in schools.

EDL-598  Special Topics in Educational Leadership  Credits: 3
Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Permission of the program director is required. If a prerequisite is required it will be announced in the course schedule.

EDL-599  Independent Study in Education  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

EDL-602  Research Methodology and Applications II  Credits: 3
Prerequisite(s): EDC-606
Term Offered: Spring Term
Course Type(s): None
This course is designed to extend students' understanding of research methodological knowledge and techniques presented in EDC-606 Research Methodology and Applications I. Beginning with an in-depth examination of the various types of quantitative and qualitative research designs in education, the course will present students with inferential statistical procedures, experimental vs. non-experimental studies, and an analysis of results and their implications. Students will use the information garnered through this course, along with their completed research proposal, to gather, analyze, and present their data and findings in the form of a research thesis.

EDL-603  Individual Research Study  Credits: 3
Course Type(s): None
Techniques of educational research including: types of research, problem definition, variables and controls, data collection, data analysis and communication of results.

EDL-606  Research Based Program Evaluation and Decision Making  Credits: 3
Prerequisite(s): EDL-569
Term Offered: All Terms
Course Type(s): None
Examines key concepts, methods, and approaches in the field of evaluation research. Students will be exposed to the basic principles and practices in educational program evaluation as well as the process of using evaluations to make decisions on the implementation of new programs or on the continuation of existing programs. Research of best practices, data-driven assessment that is unique to each student’s particular school, statistical analysis, combined with a comprehensive range of activities involved in designing and implementing educational programs will be the primary focus of the course. Presents students with the larger political, administrative, and financial issues that occur in program evaluation.

EDL-620  Practicum in Executive Leadership  Credits: 3
Prerequisite(s): EDL-589
Course Type(s): None
Issues, principles, and responsibilities of the executive leader at the district level are focused on. Using the ELCC Standards as a guide, the practical applications of contemporary principles of educational leadership through a 150-hour internship experience are explored.

EDL-672  Advanced Theory in Play Therapy  Credits: 3
Term Offered: Spring Term
Course Type(s): OL
Provides an in-depth understanding of the history and theories of play therapy. Emphasis is placed on the understanding of the roles of therapists and parents through the play process. Diversity and multicultural considerations for theoretical perspectives are highlighted.
EDL-673  Advanced Techniques in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): HY
Provides students with the opportunity to develop techniques and methods of play therapy. Emphasis is placed on working with children, adolescents, and adults through individual, group, and family play therapy. Major topics include group play therapy, family play therapy, short-term play therapy, and sand tray/sand play therapy. Additionally, diversity and multicultural considerations are highlighted.

EDL-664  Play Therapy for Children at Risk  Credits: 3
Term Offered: All Terms
Course Type(s): OL
Focus is on play therapy with vulnerable and high-risk children. Emphasis on working with children, adolescents, and adults using play therapy in trauma and crisis situations is highlighted. Special attention is given to social issues that can lead to or exacerbate trauma or crisis.

EDL-699  Independent Study in Educational Leadership  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

Education Special Education (EDS)

EDS-500  Foundations of Special Education: Development Across the Lifespan  Credits: 3
Term Offered: All Terms
Course Type(s): EDFOU, MAT
Focuses on major concepts and theories of child and adolescent growth and development from prenatal period through adulthood for typical and atypical individuals. The content includes the study of legal, cultural, and educational issues related to diverse students across the lifespan; research-based approaches for assessment, intervention, and remediation for students with disabilities; and technology applications in the classroom guided by the Council for Exceptional Children Code of Ethics and the Professional Practice Standards for Teachers of Exceptional Learners, and the New Jersey Professional Teaching Standards. Clinical hours required.

EDS-502  Autism: Characteristics, Etiology, and Current Issues  Credits: 3
Term Offered: All Terms
Course Type(s): None
Content includes an overview of various characteristics and learning traits of students who are served within the category of autism spectrum disorders. Candidates will examine definitions, eligibility criteria, incidence rates, etiology and historical perspectives on autism. Perspectives on the roles and responsibilities of students, families, educational professionals, community personnel, and employers in relation to individuals with autism are also explored.

EDS-522  Accommodating Learners with Special Needs in Inclusive Settings  Credits: 3
Course Type(s): None
Designed to explore the concept of inclusion, discuss it from a theoretical and practical perspective, and present strategies necessary for inclusion to be successful. Included will be an emphasis on instructional strategies, differentiated instruction, accommodations and modifications, and communication and consultation techniques for co-teaching and professional collaboration.

EDS-530  Research Issues and Trends in Special Education  Credits: 3
Term Offered: All Terms
Course Type(s): EDRES
An appraisal of current practices and issues in the field of special education is conducted through discussion and review of the research literature. P-12 educators explore the code of ethics and standards of practice in the field and are encouraged to become critical consumers of research as a foundation for practice. The ability to critically analyze, synthesize, and evaluate the research base in special education is emphasized.

EDS-532  Physiological Aspects of Learning  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Extends candidates’ knowledge of various applications of the physiological model of learning and learning disorders to various aspects of assessment and training of students with various learning, medical, and behavioral problems. Emphasis is placed on Learning Disorders (both right and left brain), ADHD (both inattentive and hyperactive), Social and Emotional Disorders, Autism Spectrum Disorder and other disorders under the category of Other Health Impaired (Tourette Syndrome and other chronic disorders).

EDS-534  Classroom Management in Inclusive Settings  Credits: 3
Prerequisite(s): EDS-572
Term Offered: All Terms
Course Type(s): MAT
Includes the study of the principles of behavior and a focus on the practical application strategies for teachers in inclusive settings. Factors that influence the behavior of students with disabilities and research-based techniques to facilitate positive teacher-student and peer relationships in a classroom environment are discussed. Clinical hours required.

EDS-535  Technology and Students with Disabilities  Credits: 3
Term Offered: All Terms
Course Type(s): MAT
Focus is on instructor-centered and learner-centered integration of technology to provide a technological supportive environment to meet the special needs of students. Clinical hours required.

EDS-537  Collaborating with Families, Students, and Professionals in Community and Educational Settings  Credits: 3
Term Offered: All Terms
Course Type(s): None
A study of social, legal, and educational issues related to diverse students across the life span, research-based approaches for assessment, intervention, and remediation for students with disabilities, and technology applications in the classroom; the impact of disability on the family system; communication skills needed for collaborating with diverse families; identifying and researching community resources for persons with disabilities and their families; and strategies for involving the families in the referral and evaluation and development process of transition and career planning as well as the selection of transition resources and services.
EDS-538  Special Education Law  Credits: 3
Term Offered: Spring Term
Course Type(s): None
A historical overview of special education laws and the impact on special education services and professional practices in the United States. Includes a review of major court decisions and analysis of state laws, codes, and statutes. Application of legal principles in local processes and policies are examined.

EDS-542  Communication and Social Competence Skills  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Focuses on the development and improvement of speech, language and social competence skills for individuals with autism. Also included are research-based approaches to assessment, intervention and remediation of communication disorders for individuals with autism. The functional relationship between communication skills and behavior is also examined. (Field experience is required).

EDS-550  Learning Theories and Applications in Educational Settings  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Covers various classical and contemporary philosophies, aspects and models of learning. Emphasis will be placed upon such topics as multiple intelligences, learning styles, teaching styles, information processing critical thinking skills, brain-based learning and other learning theories. Students will review and critique general learning theories, as well as investigate how people organize, encode, process, transform, utilize and articulate information presented in an instructional environment.

EDS-552  Methods of Teaching Students with Disabilities  Credits: 3
Prerequisite(s): EDS-500, EDS-535, EDS-537 and EDS-572
Term Offered: All Terms
Course Type(s): None
Implementation of evidence-based practices in lessons and unit plans for students with disabilities in separate and inclusive settings. Methods in the field of special education are emphasized. Identifying and creating accommodations and modifications to meet the needs of all students in special education and inclusive settings. Pedagogy that is applicable to teaching literacy to struggling readers and students with disabilities, including literacy in the content areas. Clinical hours required.

EDS-566  Assessment and Interventions for Individuals with Autism I  Credits: 3
Term Offered: All Terms
Course Type(s): None
Assessment processes such as screening, diagnosis, and identification of developmental skills for individuals with autism are included. Focus is on assessment of specific skills in developmental domains, such as sensory, oral, motor, play, and communication and practical strategies detailing what to teach based on assessment data. Research-based interventions that promote progress in the areas of communication, social, academic, behavior, and sensory motor skills for students with autism are examined. An overview of numerous curricula approaches and materials for individuals with autism are also included. Methods for monitoring the impact of interventions are explored in a variety of service delivery models. (Field experience is required.)

EDS-567  Assessment and Interventions for Individuals with Autism II  Credits: 3
Prerequisite(s): EDS-566
Term Offered: Spring Term
Course Type(s): None
Various assessment processes such as screening, diagnosis, and identification of specific skills for individuals with autism are included. Focus is on using assessment data from various developmental domains to plan, choose, and implement appropriate intervention strategies based on specific needs of an individual with autism. An overview of numerous curricula approaches and materials for individuals with autism is included in this course. (Field experience is required.)

EDS-568  Advanced Instructional Methods in Special Education  Credits: 3
Prerequisite(s): EDS-500
Term Offered: All Terms
Course Type(s): None
A focus on the physical and instructional dimensions of teaching to include research-based strategies and techniques for learners with special needs; effective instruction for students with disabilities especially in literacy and math area; accommodations and adaptations; technology across the curriculum; as well as the learning implications of classroom organization and planning. This course requires demonstration that enrollees are able to evaluate, design, structure and implement instructional techniques and curriculum adaptations for students with learning problems. (Field experience is required.)

EDS-570  Assessment and Curricula Interventions and Strategies  Credits: 3
Term Offered: All Terms
Course Type(s): None
A supervised clinical course where candidates develop assessment plans and conduct assessments of students (P-12) who are at risk or who have learning problems. Content includes: evaluation of sound assessment; reliability and validity; formal and informal assessment techniques; administration of norm-referenced and informal tests; analysis of data; and the interpretation of assessment for educational intervention and instructional planning. The knowledge and skills of the educational diagnostician are also emphasized.

EDS-571  Management of Challenging Behaviors  Credits: 3
Term Offered: All Terms
Course Type(s): None
An overview of the use of applied behavior analysis (ABA) for individuals with autism is the main focus of the course. Included are methods to increase behaviors, decrease behaviors, maintain behaviors, and generalize behaviors. Observation skills, data collection, and monitoring effectiveness of interventions are practiced. (Field experience is required.)
EDS-572 Assessment Strategies and Applications in the Classroom

Term Offered: All Terms
Course Type(s): None
Focusses on the educational assessment of students P-12 who may be at risk or who have been identified as having learning problems. Course content includes a discussion of assessment processes and concerns, importance of early intervention and procedural considerations. The course also includes an emphasis on educational interventions and strategies necessary to create an environment that leads to success for all learners with special needs. Further topics that are presented include accommodations and adaptations; technology across the curriculum; and learning implications of classroom assessments, classroom organization and planning. Candidates must demonstrate that they are able to create informal assessments, analyze data and structure and collaborate about instructional techniques and curriculum adaptations for students with learning problems. Clinical hours required.

EDS-580 Experimental Design

Prerequisite(s): EDS-530
Term Offered: Spring Term
Course Type(s): OL
This course will prepare students to utilize single subject experimental designs. Topics will include dependent and independent variables, internal and external validity, and identification of features and advantages of single subject designs. Candidates will prepare and implement a comprehensive research project utilizing a single subject design as a culminating project. Fieldwork is required. Education majors only.

EDS-590 Diagnosis and Correction of Learning Disabilities

Prerequisite(s): EDS-568, EDS-570 and completion of eighteen graduate credits
Term Offered: Spring Term
Course Type(s): None
Focuses on the legal and ethical foundations for assessment of school-age students. Strategies for the selection, administration, and scoring of formal and classroom-based educational and social assessments are addressed. Assessing students' levels of performance, interpreting results to enhance learner functioning and identifying service and programming options are explored. Collaboration with families and other professionals to assist in writing Individual Education Plans (IEP) is addressed.

EDS-598 Special Topics in Special Education

Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Permission of the program director is required. If a prerequisite is required it will be announced in the course schedule.

EDS-599 Independent Study in Special Education

Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course.

EDS-601 Applied Behavior Analysis: Introduction

Term Offered: Fall Term
Course Type(s): OL
This course includes an overview of basic concepts associated with applied behavior analysis (ABA). Candidates will explore the science of behavior analysis including goals, philosophical assumptions, and dimensions of ABA. Basic concepts and principles (including definitions and examples) will also be introduced. Education majors only.

EDS-602 Applied Behavior Analysis: Concepts and Principles

Prerequisite(s): EDS-601
Term Offered: Spring Term
Course Type(s): OL
This course teaches foundational concepts and principles of applied behavior analysis (ABA). There will be a specific focus on the learning principles, basic characteristics, processes, concepts and terminology in ABA. Education majors only.

EDS-603 Applied Behavior Analysis: Behavior Assessment

Prerequisite(s): EDS-601, EDS-602
Term Offered: Summer Term
Course Type(s): None
This course will focus on functional behavior assessment. Topics include reviewing records, determining the need for services, identifying socially significant behavior change goals, conducting assessments, describing functions of behavior, and interpretation of functional assessment data. Education majors only.

EDS-604 Applied Behavior Analysis: Behavior Change Procedures

Prerequisite(s): EDS-601, EDS-602, and EDS-603
Term Offered: Summer Term
Course Type(s): OL
This course will focus on the use and evaluation of conducting functional behavior change procedures for behavior analysts working in the field. Topics include using reinforcement, punishment, shaping, chaining, extinction, token economies, group contingencies, self-management, prompting, and evidence-based teaching strategies. Using procedures to promote generalization and maintenance will also be discussed. Education majors only.

EDS-605 Research and Advanced Topics in Autism and ABA

Prerequisite(s): EDS-601, EDS-602, EDS-603 and EDS-604
Term Offered: All Terms
Course Type(s): None
Includes detailed information on evidence-based practices associated with autism spectrum disorders. Emphasis is also placed on interpretation/analysis of peer-reviewed journal articles associated with autism interventions. (Field experience is required.)

EDS-606 Ethics and Professionalism for Behavioral Analysis

Prerequisite(s): EDS-601, EDS-602, EDS-603, EDS-604 and EDS-605
Course Type(s): None
Content focuses on ethical considerations and professionalism within the field of behavior analysis. Emphasis is placed on interpretation/analysis of case studies in order to identify ethical and best practices within the field. Skills in collaboration, feedback, goal setting, termination and follow-up are discussed and integration of ethical and legal procedures into behavioral analytic practice with individuals and families is emphasized.
EDS-610  Internship in Learning Disabilities Teacher-Consultant  Credits: 3
Prerequisite(s): EDS-570, EDS-590 and approval of the program director
Term Offered: All Terms
Course Type(s): None
Teacher consultation in a public or private agency as part of a Child Study Team under the supervision of a certified Learning Disabilities Teacher-Consultant and a faculty member.

EDS-699  Independent Study in Special Education  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course.

English (EN)

EN-ESS  English Master's Essay  Credits: None
Term Offered: All Terms
Course Type(s): None
A revision and development of a graduate paper researched and written in a previous semester. Typical length 20-25 pages. Only for students in the Literature or Rhetoric and Writing Concentrations who are not writing a thesis. This is a pass/fail course.

EN-500  Critical Theory  Credits: 3
Term Offered: Spring Term
Course Type(s): EN.4, EN.RW
Introduction to a variety of critical approaches to literature. Theories will be applied to texts: poetry, fiction, and drama, and the interpretation developed from these theories will be considered.

EN-502  Seminar in Literary Research  Credits: 3
Term Offered: All Terms
Course Type(s): None
Methods and materials for composing and presenting graduate research centered upon selected texts chosen by the instructor; bibliography, reference resources, critical analysis, and evaluation of sources; techniques, forms and formats for research projects and papers.

EN-509  Middle English Literature  Credits: 3
Term Offered: Fall Term
Course Type(s): EN.1, EN.LT
Study of selected works from the twelfth through the fifteenth centuries in the context of contemporary cultural and literary developments.

EN-511  The English Renaissance  Credits: 3
Term Offered: All Terms
Course Type(s): EN.1, EN.LT
Intensive study of the major genres and authors of English literature from 1550-1660, the age of Spenser, Johnson and Milton. Lyric and epic poetry, drama, prose fiction, and the essay are represented.

EN-513  Shakespeare, His Contemporaries and Renaissance Society  Credits: 3
Term Offered: All Terms
Course Type(s): EN.1, EN.LT
Study of selected Shakespeare plays along with works by Marlowe, Webster and others in order to place Shakespeare's achievement within aesthetic, critical and historical contexts.

EN-525  Eighteenth Century British Literature  Credits: 3
Term Offered: Spring Term
Course Type(s): EN.1, EN.LT
Intensive study of selected works of prose, poetry, and drama, which represent the Ages of Dryden, Pope, Johnson, and Hume.

EN-528  Foundations of World Literature  Credits: 3
Term Offered: Spring Term
Course Type(s): EN.3, EN.LT
The oral and written traditions of the foundation of the non-Western world: Africa, the African Diaspora, Asia and the Middle East.

EN-530  Contemporary World Literature  Credits: 3
Term Offered: Spring Term
Course Type(s): EN.3, EN.LT
Major literary texts from three broad areas of the non-Western world (African Diaspora, Asia, and the Middle East) will be critically examined, including literary trends, theories, and criticism. Selections will be drawn from poetry, fiction, non-fiction, and drama.

EN-533  Literature of Immigration  Credits: 3
Term Offered: All Terms
Course Type(s): EN.3, EN.LT
Examines literature written by the first or second generation immigrants, about the experiences of emigration and immigration to North America; it combines close analysis with historical contextualization, and includes discussion of critical and theoretical works on immigrant identities and subjectivities. Focuses on narratives of immigration from areas outside Western Europe.

EN-535  The Novel in English  Credits: 3
Term Offered: Fall Term
Course Type(s): EN.2, EN.LT
The development of long prose fiction from the eighteenth century to the present with consideration of criticism that defines the novel as a genre.

EN-537  British Romanticism  Credits: 3
Term Offered: All Terms
Course Type(s): EN.2, EN.LT
Investigation of British Romanticism as a self-consciously defined movement in literature. Will also consider how "Romanticisms" have been read and defined historically.

EN-538  Victorian Novel  Credits: 3
Term Offered: Spring Term
Course Type(s): EN.2, EN.LT
Through a close thematic and formal analysis, this course will study how British Victorian novels responded to the momentous social, political and intellectual changes of their time.

EN-540  Modernism in Britain and Ireland  Credits: 3
Term Offered: Fall Term
Course Type(s): EN.2, EN.LT
Study of British and Irish modernism in the context of twentieth-century culture and history.

EN-541  Utopias  Credits: 3
Term Offered: Spring Term
Course Type(s): EN.LT
The significance of utopian proposals and attempts to create utopian communities in the history of ideas. From the utopias of Plato and More to dystopian visions of the Brave New World to 1984 and science fiction as a utopian genre.
EN-542 Contemporary American/British Literature
Term Offered: Spring Term
Course Type(s): EN.2, EN.LT
This course will explore American and/or British literature written in English from the "contemporary" period. These works will be critically examined via close readings and discussions within a literary, historical, cultural, and/or theoretical framework.

EN-544 Irish Literary Studies
Term Offered: Spring Term
Course Type(s): EN.2, EN.LT
Ireland's literary tradition in English from the eighteenth-century to today. Different semesters may focus on a particular period, genre or theme within Irish literature, such as Irish drama, the eighteenth century tradition, W.B. Yeats and his circle or James Joyce and Irish Modernism.

EN-546 Historical Persuasion and Argumentation
Term Offered: All Terms
Course Type(s): EN.4, EN.RW
Examines important texts in the history of persuasion and argumentation. Covers the era when Rhetoric - the study and practice of persuasion and argumentation - was one of the fundamental disciplines (the "Trivium") that every educated person had to learn.

EN-547 Definitions of Contemporary Rhetoric
Term Offered: Spring Term
Course Type(s): EN.4, EN.RW
Examines the use of language in a number of key spheres of human communication with the ultimate objective of constructing a usable definition of modern rhetoric. Work in the course is especially concerned with defining more precisely the boundaries of contemporary rhetoric and language theories to gain a deeper understanding of the richness and dangers of language in our own written expression.

EN-548 Rhetoric of Science and Society
Term Offered: All Terms
Course Type(s): EN.4, EN.RW
Examination of how language-using agents (corporate, governmental, educational, journalistic, and scientific) outside the activities of a professional scientific community (and sometimes within it) rely on the dominance and force of scientific language and its symbol systems to influence the society we live in.

EN-550 Feminist Theory and Criticism
Term Offered: Fall Term
Course Type(s): EN.4
Examines the theories and strategies developed and used by feminist theorists and literary critics to explore a range of visual and written texts. Includes focus on gender-related experiences in literature and culture.

EN-558 Teaching Composition
Term Offered: All Terms
Course Type(s): EN.RW, EN.4
The scholarship and methods of teaching composition with a focus on the collaboration experience of the writing process, one-on-one conferencing, and integration of language skills.

EN-560 Early American Literature
Term Offered: All Terms
Course Type(s): EN.1, EN.LT
The development of American literature in various genres through the Colonial, Revolutionary War, and Early Republic periods.

EN-561 Nineteenth Century American Literature
Term Offered: Spring Term
Course Type(s): EN.2, EN.LT
Major works of American literature from 1830 to World War I will be critically examined to place them in their literary context and discover the techniques used by their authors.

EN-563 Linguistics and the English Language
Term Offered: Spring Term
Course Type(s): EN.4, EN.RW
Includes grounding in the structural aspects of general linguistics: morphology, syntax, semantics, phonology, and pragmatics. Examines the structure of the English language, including nouns and noun classes, ways of talking about actions and states, how ideas are combined into complex sentences, and how context and purpose affect how we use language. Also considers differences between learning a first and second language.

EN-565 New Jersey's Literary Heritage
Term Offered: Spring Term
Course Type(s): EN.2, EN.LT
The development of New Jersey's literary heritage in various genres from the Colonial period to the present, through analyses of representative works from different regions of the state, with emphasis on their local significance and their relationship to national literary trends.

EN-571 Modern American Literature
Term Offered: Spring Term
Course Type(s): EN.2, EN.LT
Major works of American literature written between 1910 and 1945 will be critically examined and placed within a literary context in order to discuss techniques used by their authors.

EN-581 Women in Literature
Term Offered: All Terms
Course Type(s): EN.LT
Investigates the role of women in literature as writers, readers and subjects. Includes theoretical consideration of gender. Topics vary by semester.

EN-598 Special Topics in English
Course Type(s): None
The subject matter varies with the interest of the students and of the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. If a prerequisite is required it will be announced in the course schedule.

EN-607 Seminar in Creative Writing: Non-Fiction
Term Offered: All Terms
Course Type(s): EN.CW, EN.RW
Students will analyze, in a workshop setting, readings in creative non-fiction to understand and become aware of the variant forms, techniques, and approaches used. As workshop participants, students will write and analyze their own creative nonfiction pieces. This course may be retaken for credit.
EN-609 Seminar in Creative Writing: Poetry Credits: 3
Term Offered: All Terms
Course Type(s): EN.CW
Students analyze in a workshop setting readings in contemporary poetry to observe techniques in craft, and present their own poetry for intensive examination by workshop participants. The course may be retaken for credit.

EN-611 Fiction Workshop Credits: 3
Term Offered: Fall Term
Course Type(s): EN.CW
In a workshop setting, students will present their own short stories and novel chapters for intensive examination by workshop participants. They will also analyze readings to understand and become aware of the variant forms, techniques, and approaches used. This course may be retaken for credit.

EN-613 Seminar in Creative Writing: Playwriting Credits: 3
Course Type(s): EN.CW
In a workshop format, students will write, critique and perform stage readings of their classmates’ plays. This course may be retaken for credit.

EN-615 Seminar in Creative Writing: Writer’s Craft Credits: 3
Term Offered: All Terms
Course Type(s): EN.CW
An in-depth study of the creative writing process. Students may develop a craft workbook that focuses on both traditional and contemporary literary forms and strategies. Students write by assignment and develop techniques of reviewing in order to compare and contrast major authors’ aesthetics with their own creative gestures. This course may be retaken for credit.

EN-617 Advanced Academic Writing Credits: 3
Course Type(s): EN.RW
Designed for the graduate student interested in sharpening his or her writing skills for the purpose of developing publication-quality articles. Content and assignments are structured in such a way as to provide practice in accelerated academic prose and, ideally, to produce a publication-quality article by the end of the course. Taught in a lecture/discussion and workshop format.

EN-619 Writing and the World Wide Web Credits: 3
Term Offered: Spring Term
Course Type(s): EN.RW, EN.4
A study of theories and concepts of writing and rhetoric in digital media with emphasis on the uses of verbal and visual media in digital spaces, such as Web sites, blogs, and wikis. Topics examined include authorship, narrative, and multimedia participation, design, and creation.

EN-644 Manuscript Seminar Credits: 3-6
Prerequisite(s): Completion of 21 credits with a minimum G.P.A. of 3.00 and a minimum of 6 credits of courses with a course type of ENCW
Term Offered: All Terms
Course Type(s): None
Completion of a single-genre manuscript under the direction of a first reader who is a member of the English graduate faculty, in consultation with a second reader, who is a creative writing faculty member. Six face-to-face meetings with the first reader are required, and two meetings with the second reader. The manuscript will consist of at least forty to fifty pages of poetry or prose half of which may be work begun in previous graduate creative writing courses and substantially revised for this course. The manuscript will include a five-page introduction. Once the manuscript has been judged as satisfactory by both readers, the graduate program will schedule an oral defense to be attended by both readers as well as the graduate program director. This is a pass/fail course.

EN-650 Internship Seminar Credits: 3
Prerequisite(s): 12 credits from English MA or MFA, consent of the graduate advisor, and internship placement.
Term Offered: Spring Term
Course Type(s): None
A seminar designed for students who are pursuing professional experience through internships appropriate to those pursuing an advanced degree in creative writing.

EN-652 Craft Intensive Seminar Credits: 3
Term Offered: Fall Term
Course Type(s): EN.CW
Students will conduct intensive study in advanced creative writing craft techniques through close readings, lectures, discussion, written analysis, and the rigorous application of said techniques through writing exercises and short workshops. Genre and seminar topics vary by professor. (See MFA coursebook for details.) This course may be retaken for credit.

EN-655A MFA Creative Thesis Seminar I Credits: 3
Term Offered: All Terms
Course Type(s): None
Students will complete 80-200 pages of prose, or 40-80 pages of poetry, consisting of previously written work that has been revised substantially along with new work. In addition, the student will craft a critical paper (12-15 pages) analyzing comparable texts that exemplify the literary tradition from which the thesis springs. The paper may discuss the influence of analyzed works on the thesis, but will focus on a discussion of the craft evident in the creative works discussed. Please contact the department for additional information.

EN-655B MFA Creative Thesis Seminar II Credits: 3
Prerequisite(s): EN-655A and 39 credits in English
Term Offered: Spring Term
Course Type(s): None
Students will complete 80-200 pages of prose, or 40-80 pages of poetry, consisting of previously written work that has been revised substantially along with new work. In addition, the student will craft a critical paper (12-15 pages) analyzing comparable texts that exemplify the literary tradition from which the thesis springs. The paper may discuss the influence of analyzed works on the thesis, but will focus on a discussion of the craft evident in the creative works discussed. Please contact the department for additional information.

EN-674 Professional Research with Service Learning Credits: 3
Term Offered: Fall Term
Course Type(s): EN.CW, EN.LT, EN.RW
An independent study designed for students who want to explore and prepare for careers that are appropriate for holders of advanced degrees in English. It can fulfill a literature, rhetoric, or creative writing elective. Students will produce an annotated bibliography and researched writing totaling at least 25 pages, a service learning component that offers practice experience, and a curriculum vitae or resume, cover letter, and Linked In profile.
EN-691 English Thesis Development Credits: 3
Prerequisite(s): 12 credits and a minimum G.P.A. of 3.00.
Term Offered: All Terms
Course Type(s): None
An intensive and rigorous study of an author, topic, or theme developed under the direction of and evaluated by a first reader who is a member of the English graduate faculty, in consultation with a second reader, who is a full-time faculty member. Six face-to-face meetings with the first reader are required, and two meetings with the second reader. The thesis may be based upon a paper completed in a course taken in a previous semester and further developed under the direction of the professor in that course. By the end of the semester, students will submit a twenty-five item annotated bibliography and a ten-page critical essay.

EN-692 English Thesis Writing Credits: 3
Prerequisite(s): EN-691, completion of twenty-one credits, and a minimum GPA of 3.00.
Term Offered: All Terms
Course Type(s): None
Completion of the writing of the thesis under the continuing direction of a first reader who is a member of the English graduate faculty, in consultation with a second reader, who is a full-time faculty member. Six face-to-face meetings with the first reader are required, and two meetings with the second reader. The thesis must comprise of between thirty-five and fifty pages (not including the works cited) and will be evaluated by the first and second readers. Once the thesis has been judged as satisfactory by both readers, the graduate program will schedule an oral defense to be attended by both readers as well as the graduate program director. Students may not register for Thesis Writing EN-692 in a summer session.

EN-698 Special Topics in English Credits: 3
Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the candidates and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated on the candidate's transcript. Permission of the program director is required to take this course. This course is repeatable twice for credit.

EN-699 Independent Study in English Credits: 3
Term Offered: Summer Term
Course Type(s): None
Reading and research under the direction of a member of the English faculty. A minimum of six, face-to-face meetings are required, bi-weekly meetings are the norm. Prior permission of the directing professor and department chair is required to take this course.

Foreign Language (FO)

FO-LTIOPIG Oral Proficiency Interview - GR Credits: None
Term Offered: All Terms
Course Type(s): None
Language Testing International Examination for graduate students; requires one-hour preparation a week. This is a pass/fail course.

FO-598 Special Topics in Foreign Languages Credits: 3
Course Type(s): None
Students study text in the original language at an advanced level. Course content will vary from semester to semester. If a prerequisite is required it will be announced in the course schedule.

FO-599 Independent Studies in the Teaching of World Languages Credits: 3
Term Offered: All Terms
Course Type(s): None
Curriculum development in foreign languages at the elementary and secondary level; the study and application of teaching methods and materials. Prior permission of the directing professor and department chair is required to take this course.

Foreign Language, French (FF)

FF-511 Intensive Study: French Credits: 3
Term Offered: Spring Term
Course Type(s): None
Readings and research on an area or topic in the field of French, chosen under the guidance of the instructor; weekly conferences and written reports.

Foreign Language, Spanish (FS)

FS-511 Intensive Study: Spanish Credits: 3
Term Offered: Spring Term
Course Type(s): TPS
Readings and research on an area or topic in the field of Spanish, chosen under the guidance of the instructor; weekly conferences and written reports.

FS-512 Intensive Study: Spanish Credits: 3
Prerequisite(s): FS-511
Term Offered: Spring Term
Course Type(s): TPS
Readings and research on an area or topic in the field of Spanish, chosen under the guidance of the instructor; weekly conferences and written reports.

FS-599 Independent Study in Spanish Credits: 3
Term Offered: Spring Term
Course Type(s): TPS
Development and execution of a relevant reading and research project leading to significant written work designed by the student in consultation with the research director. Subject chosen for study should be related with any area of Spanish or Spanish American literature of special interest to the student. Students applying must demonstrate their knowledge of research techniques and their ability to apply them to the specific area of study chosen. It is also required that the students should be able to present the results of their research in appropriate written and oral form. Permission of the program director, chair, and research director is required to take this course. The student must be within the last twelve credits of graduation and have a G.P.A. of at least 3.00.

Geography (GO)

GO-500 Theories and Methods of Geographic Information Systems Credits: 3
Term Offered: Spring Term
Course Type(s): None
Provides students with a solid foundation in the theories and methods of Geographic Information Systems. Students gain knowledge of important applications as well as the acquisition, accuracy, formatting, management, analysis and manipulation of data. When students complete this course, they are expected to know what GIS is, what GIS can and cannot do, how data is stored, and how data in GIS is manipulated and analyzed to satisfy a project's goals.
GO-501  Advanced GIS Applications and Project Implementation
Prerequisite(s): GO-500
Term Offered: Spring Term
Course Type(s): None
Enables students to deepen their understanding of the software, theory, and applications of GIS. Upon completion of the course, students will have developed two projects as part of their portfolio: one in GIS implementation and one in project design and analysis within their particular area of study.

GO-515  Visual Basic for GIS
Prerequisite(s): GO-500
Course Type(s): None
Visual Basic is becoming the primary programming tool for developing Windows applications in most GIS environments. Students will learn fundamental programming techniques and advanced methodologies, including component programming and object-oriented data structures. They will have hands-on experience and at the end of the semester will be able to customize and expand GIS functions for different GIS applications.

GO-520  Spatial Database Design and Management in GIS
Co-requisite(s): AN-524 or GO-524
Term Offered: All Terms
Course Type(s): None
Spatial databases make up the foundation for Geographic Information Systems. This course focuses on proper design, implementation, and management of spatial databases. Students will consider both logical and physical design. Students will get the theoretical training as well as hands-on experience.

GO-524  Introduction to Geographical Information Systems (GIS)
Term Offered: All Terms
Course Type(s): None
Provides both the theoretical and methodological background for proficient use of Geographic Information Systems (GIS). A multidisciplinary integration of theories and applications pertinent to both natural and social science research. Lectures and discussions will introduce the conceptual and methodological platform that is necessary to design, implement, and interpret GIS research. Weekly lab exercises will develop problem-solving skills and emphasize common research techniques in GIS. Students will also learn field techniques of spatial data collection. In sum, demonstrates the application of GIS tools and a geographic perspective may be applied to a broad range of social and ecological research problems. Also listed as AN-524.

GO-530  Advanced Techniques and Technology in GIS
Prerequisite(s): GO-500
Course Type(s): None
Covers current topics within the field of Geographic Information Systems. The topics will change each semester depending on the changes within the discipline and the needs of students. Such areas of study will include ArcInfo, Geomedia, Avenue Programming, Visual Basic for GIS, and Arcview extensions.

GO-537  Fundamentals of Remote Sensing
Term Offered: Fall Term
Course Type(s): None
Students learn the fundamentals of remote sensing technologies and of their application to environmental mapping and analysis. This course introduces concepts of light radiation behavior and detection, satellite and airborne Imaging systems, image processing and classification, mapping, and map analysis. Students will apply this knowledge through a hands-on term project of their own design.

GO-540  Spatial Analysis
Prerequisite(s): AN-524 or GO-524
Term Offered: Spring Term
Course Type(s): None
Focuses on methods of spatial analysis and various kinds of modeling within GIS. Included are such topics as 3-D terrain visualization and analysis, locational and network modeling, map algebra, and spatial statistics.

GO-559  Remote Sensing and GPS
Course Type(s): None
Students will learn the principles of remote sensing, digital image processing, and image analysis. Students will also learn the basic principles of GPS, how to integrate GPS data with other GIS data sets, and how quality can affect problem solving and decision making.

GO-580  GIS and Society
Course Type(s): None
Examines the political, economic, legal, ethical, and social implications of GIS. Students will learn how GIS influences policy decisions. Topics include societal effects of GIS including issues of privacy, representation, and access to technology.

GO-599  Independent Study in Geography
Term Offered: All Terms
Course Type(s): None
Reading and research under the direction of a member of the Geography faculty. Prior permission of the directing professor and department chair is required to take this course.

History (HS)

HS-CPE  History Comprehensive Exam
Term Offered: All Terms
Course Type(s): None
History Comprehensive Exam. This is a pass/fail course.

HS-THD  Thesis Defense
Term Offered: All Terms
Course Type(s): None
History Thesis Defense. This is a pass/fail course.

HS-501  Historical Criticism
Term Offered: All Terms
Course Type(s): None
History as a scholarly discipline, with emphasis on historical interpretation and philosophy since Classical Antiquity, the evaluation of sources, and the rules of critical analysis. A research paper will be required.

HS-502  The Philosophy of History
Term Offered: All Terms
Course Type(s): None
Analysis and appraisal of representative writings and philosophies of great historians from Classical Antiquity to modern times, reflecting the development of history as a scholarly discipline.
HS-503  Introduction to the Study of World History  Credits: 3  
Term Offered: All Terms  
Course Type(s): HSNW, HSUS  
Introduces students to the growing field of World History, surveying the developments in the field since the nineteenth century. Examines key concepts and methods, and explores major themes and categories of analysis, including empire, nationalism, gender, and law. Required of all students in the World History specialization.

HS-504  Ancient Civilizations of Native America  Credits: 3  
Course Type(s): HSNW  
Cultural developments in Mesoamerica and the Central Andes from the development of agriculture to the Spanish conquest, focusing on Inca and Aztec civilizations; theoretical exploration of developmental similarities between the two regions. Also listed as AN-504.

HS-505  U.S. Women's History  Credits: 3  
Term Offered: All Terms  
Course Type(s): HSUS  
Explores U.S. Women's History and focuses on how women of different socioeconomic backgrounds, races, and ethnic groups have experienced cultural transformations and political change. Emphasis will be on the significance of citizenship, political agency, the cultural construction of race and gender, and reproductive rights.

HS-506  Historical Archaeology  Credits: 3  
Term Offered: Spring Term  
Course Type(s): HSUS  
An intensive introduction to historical and industrial archaeology (c. 1492+). Topics covered include exploration, imperialism, colonization, industrialization and urbanism. Archaeological field methods and the interpretation of material culture are also introduced. Also listed as AN-506.

HS-509  The Civil Rights-Black Power Era  Credits: 3  
Term Offered: Fall Term  
Course Type(s): HSUS  
This course is a graduate level seminar on the Civil Rights Movement (CRM) and Black Power era in United States history (U.S.) with an emphasis on social and intellectual history. In this class, we will trace the long history of the struggle for Black equality from the early twentieth century to the Black Lives Matter Movement (BLM). This includes a discussion of major figures of the CRM and Black Power organizations, the pivotal role of women in this history, armed resistance, the movement in the North, and the limitations of civil rights reform in U.S. history more generally.

HS-510  Seminar in American History  Credits: 3  
Term Offered: Spring Term  
Course Type(s): HSUS  
Selected topics in American history, with emphasis on techniques of independent historical research and writing.

HS-511  Readings on American Colonial History  Credits: 3  
Term Offered: Spring Term  
Course Type(s): HSUS  
Readings in recent writings in monographs and periodicals devoted to social, economic, and political aspects of American colonial history.

HS-512  American Revolution and Constitutional Issues, 1763-1789  Credits: 3  
Term Offered: All Terms  
Course Type(s): HSUS  
Problems of Empire; the causes, course, and consequences of the American Revolution; the continuing revolution within the states and under the Articles of Confederation; and postwar struggles resulting in the adoption of the Constitution.

HS-515  The Civil War and Reconstruction  Credits: 3  
Term Offered: All Terms  
Course Type(s): HSUS  
The economic, social, and political forces in the United States during the years 1850-1877 relating to the onset, nature, and impact of the Civil War and Reconstruction, and the Black Revolution.

HS-518  United States Family History  Credits: 3  
Term Offered: Spring Term  
Course Type(s): HSUS  
This seminar explores United States Family History and the social construction of the family, its many diverse forms, and the relationship between society and the family. Analyzing issues of race, class, ethnicity, gender, and sexuality will further enable us to consider the history of the family form. We will cover such diverse topics as the history of adoption, courtship, and divorce.

HS-519  Harlem Renaissance and the New Negro Era  Credits: 3  
Term Offered: Spring Term  
Course Type(s): HSUS  
This course is a graduate seminar on the history of the cultural and intellectual movement in African American life in the 1920s and 1930s known as the Harlem Renaissance and New Negro era characterized by developments in poetry, literature, and in the visual arts. Although Harlem was the center of African American life and culture at the time, this phenomenon had both national and global dimensions. In this course, we will focus on race, gender, class and sexuality in the Harlem Renaissance and New Negro era beyond Harlem including some discussion of negritude across the African Diaspora and negrismo in the Spanish speaking Caribbean. This course includes an examination of the Harlem Renaissance and New Negro era from multiple perspectives including literary, artistic, cinematic, economic, and philosophical aspects of this critical moment in African American history.

HS-520  Field Methods Arch  Credits: 3  
Course Type(s): None  
An introduction to archaeological field methods: survey and excavation. Students will also learn excavation procedures, descriptive note writing, and drawing, and be introduced to archaeological photography, mapping, reporting, conservation and curation. Supervised fieldwork will be conducted on archaeological sites. Also listed as AN-520.

HS-522  History Urbanization in America  Credits: 3  
Term Offered: All Terms  
Course Type(s): HSUS  
Provides an interdisciplinary study of the history of urbanization and industrialization in the United States from the mid-nineteenth century to the early twentieth century. Using the themes of community, technology, public policy, and immigration, students will examine the development and changes in the social, physical, political, and economic urban landscape.
HS-525 World War II Credits: 3
Course Type(s): HSEU, HSUS
Considers the military, economic, and political characteristics of the Allied and Axis powers and the strategies they produced; examines the military campaigns, the wartime economics, life on the home fronts, the experience of combat, the dynamics of occupation, and the roles of morality and immorality in the conduct of the war.

HS-526 The Cold War Credits: 3
Course Type(s): HSEU, HSUS, HSWLD
Examines the rivalry between the United States and the Soviet Union that organized global politics for forty-five years; the roles of ideology, economy, and security that fueled it; the diplomacy, propaganda, and armed might used to wage it; and the impact it had on participants’ politics and culture.

HS-527 United States Military History Credits: 3
Course Type(s): HSUS
Surveys the American experience of war, from the first Native American-European contact through the military interventions at the dawn of the twenty-first century; examines not only the major conflicts in this period, but also the evolution of strategy, military institutions, civil-military relations, and the “American way of war”

HS-528 History of Consumerism in America Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
A seminar that explores the origins of the consumer culture and the multitude of ways in which it has shaped American society. We consider both the reverence of and the critiques of consumerism, analyzing race, class, gender, ethnicity, and geography in our consideration of consumer ideology and practices. Advertising, marketing, sales, and the consumer will all be considered in our analysis of the history of consumerism.

HS-529 History of Sexuality in America Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
A seminar that explores the cultural history of sexuality in the United States. We will consider how race, class, and gender have influenced ideas about sexuality, morality, and power. Major topics include prostitution; reproduction; gay, lesbian, and transgender sexualities; sexually transmitted diseases; and sexual representation and censorship. Working with monographs, scholarly articles, and primary sources that come from throughout American history, we will explore the ways in which sexuality has both shaped and been affected by this nation’s history.

HS-530 New Jersey History Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
A study of New Jersey history especially as a venue for exploring general trends in American history. Topics covered include New Jersey’s Native Americans, colonial settlement, the proprietary government, agricultural unrest, the American Revolution, Federalism, slavery, industrialization, urbanization and suburbanization.

HS-531 Studies in Ancient History Credits: 3
Term Offered: Spring Term
Course Type(s): HSEU
Readings and discussion of principal aspects of Graeco-Roman culture, with emphasis on the contribution of Classical Antiquity to Western Civilization and recent research in the field.
HS-546  The Weimar Republic, 1918-1933  Credits: 3
Term Offered: Spring Term
Course Type(s): HSEU
The foundation of the first German republic as an outcome of revolution and defeat in war; its political and cultural innovations; the causes of its collapse.

HS-547  The Third Reich  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU
The ideological origins of Nazism; the consolidation and character of Nazi rule; the relation of Hitler with the German people; Nazism as revolution.

HS-548  African American Historiography from 1865 to the Present  Credits: 3
Term Offered: Spring Term
Course Type(s): HSUS
A graduate seminar on the historiography of African Americans from 1865 to the present. Students in this class will become familiar with the major topics, themes, methods and scholarly debates in this field that will then allow them to identify potential research topics in African American history, enhance their teaching on the subject, as public-school educators, while sharpening their critical and analytical thinking skills. Readings in this class include scholarly works on the history of emancipation, resistance, gender, the rise of Jim Crow, the Harlem Renaissance, the urban North, and the long Civil Rights-Black Power era to the New Jim Crow.

HS-549  James Baldwin's America  Credits: 3
Course Type(s): HSUS
A graduate seminar on twentieth century U.S. history with an emphasis on race, gender, sexuality, religion and politics as chronicled through the writings, thoughts and ideas of James Baldwin. Baldwin is one of the foremost intellectuals in U.S. history. He wrote on a variety of subjects including art, culture, politics, religion, race, gender, and sexuality. Students in this class will become familiar with twentieth century U.S. history as expressed in the life and work of James Baldwin through a critical examination of his writings. Students will enhance their understanding of the subject of race and African Americans, as public-school educators and those with a scholarly interest in the subject, while sharpening their critical and analytical thinking skills after becoming familiar with the major themes, topics and history illustrated in the writings of one of the nation's most important intellectuals. Readings in this class include Baldwin's writings on religion, race, gender and sexuality from the mid-twentieth century to the 1980's.

HS-551  Graduate Seminar in British History  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU
Selected topics in modern English and British history, with emphasis on techniques of historical research.

HS-553  Tudor-Stuart England  Credits: 3
Course Type(s): HSEU
The political, religious, social, and cultural history of England in the sixteenth and seventeenth centuries: Tudor absolutism, the English Reformation, the rise of Puritanism, social and economic change, the conflict between crown and Parliament, the English Civil War, and the Revolution of 1688.

HS-561  Twentieth Century Russia and the Soviet Union  Credits: 3
Term Offered: Spring Term
Course Type(s): HSEU
Studies in the transformation of Russian society, with emphasis on the revolutionary movements and the economic, social, and political institutions of Soviet Russia.

HS-562  History of Maps and Mapping  Credits: 3
Term Offered: Spring Term
Course Type(s): HSEU, HSNW, HSWLD
Students will study the historical developments in cartographic technique, the development of mapping in different parts of the world, and the future of mapping in the computer age. Students will focus on the ways the events and ideology of a time period influence maps and mapping, and how in turn mapping influences history and ideology. Also listed an AN-562.

HS-563  Twentieth Century East Central Europe  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU
The political, economic, and social development of the lands between Germany and Russia, emphasizing the breakdown of the Ottoman and Hapsburg empires, the rise of the independent successor states between the wars, the Soviet takeover in the post-war era, and the development of "national" communism and polycentrism.

HS-566  Seminar in East Asian History  Credits: 3
Term Offered: Fall Term
Course Type(s): HSNW
A study of selected topics in Chinese or Japanese history, with emphasis on techniques of historical research. Also listed an AN-562.

HS-572  The History of Tourism  Credits: 3
Term Offered: Fall Term
Course Type(s): HSEU, HSWLD
Students will study the history of tourism in different parts of the world from political, social, cultural, geographic, and economic perspectives. This will include an examination of historical differences in tourist attractions, tourist behaviors, and impacts on tourist destinations and their people. Students will also study how historical memory and interpretation shapes the contemporary tourist experience, as well as questions concerning authenticity and tourism. Also listed as AN-572.

HS-573  Ecological Imperialism  Credits: 3
Course Type(s): HSWLD
Ecological History will examine the relationship between human society(ies) and the natural world over recorded time. As an interdisciplinary exercise this class will draw on the natural sciences, anthropology, and history to better understand the biological, cultural, imperial, ethical, economic, religious, political, and global ramifications of the relationship between humanity and humanity's "natural" surroundings. Also listed as AN-573.

HS-581  Seminar in East Asian History  Credits: 3
Term Offered: Spring Term
Course Type(s): HSNW
A study of selected topics in Chinese or Japanese history, with emphasis on techniques of historical research.

HS-584  Japanese Empire  Credits: 3
Term Offered: Fall Term
Course Type(s): HSNW, HSWLD
This course fits into the curriculum on multiple levels. MA students in history with a concentration in world history will have a new course to consider that will broaden their understanding of modernity, empire, and global imperialism. This course seeks to expand the current history curriculum by focusing on East Asia, an important region that has not been previously covered in graduate history courses.
HS-585 Colonialism in Africa Credits: 3
Term Offered: Spring Term
Course Type(s): HSNW
Analysis and appraisal of colonialism in Africa, reflecting on the political, economic, and sociocultural transformations, that occurred in Africa between 1880 and 1960. Also listed as AN-585.

HS-586 Twentieth-Century China Credits: 3
Term Offered: All Terms
Course Type(s): HSNW
This graduate seminar is an introduction to English-language works and controversies in Chinese history from the early twentieth century through the People's Republic of China, the latter of which has only recently been studied by historians. Because the period from 1950 on was considered the purview of political scientists and sociologists until recently, this course aims to provide graduate students an overview of the scholarly literature in history, as well as the social sciences, on the People’s Republic. The course will focus on issues that have been most prominent in contemporary scholarship, including state-building, modernization, the consolidation of CCP power, and the uneven effects of revolutionary change.

HS-587 Nationalism in Africa Credits: 3
Term Offered: Spring Term
Course Type(s): HSNW, HSWLD
Examines a major episode that transformed the political history of Africa in the twentieth century. It discusses how nationalism became an instrument of political change that led to the independence of African states. Begins by examining the concept of nationalism in Europe, how it was applied in Africa, and how it contributed to the struggle for independence.

HS-588 Decolonization in Africa 1940-1960 Credits: 3
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Examines the process of transfer of power from colonial powers to Africans; the emergence of education elites; the rise of nationalism; implications of decolonization; and African expectations of independence.

HS-590 Paris, 1919: A World History Credits: 3
Term Offered: Spring Term
Course Type(s): HSEU, HSWLD
Offers an examination of the Paris Peace Conference following World War I taking into account the ideologies and global themes of the time. Of particular interest, the course will examine nationalism, imperialism, state formation, militarism, and racism.

HS-591 Islam Credits: 3
Term Offered: Summer Term
Course Type(s): HSNW, HSWLD
This course examines Islamic history, culture, and art across the world, including but not limited to the Middle East, North Africa, the Balkans, and the Americas. Thematic coverage will include religious/spiritual/ritualistic, political, cultural, and intellectual changes, as well as, imperialism, the rise of nation-states, and cultural interaction with traditionally non-Islamic lands and peoples. Also listed as AN-591.

HS-595 History Internship/Practicum Credits: 3
Prerequisite(s): Completion of twelve credits
Course Type(s): None
Provides graduate students with the opportunity to gain substantive career experience and build specific applied skills by working in outside programs, institutions, agencies and firms engaged in the fields of public history, historical archeology and anthropology and regional geography.

HS-598 Special Topics in History Credits: 3
Course Type(s): None
Allows students to study a specific aspect of history. The subject matter varies from semester to semester, and depends on the professor who teaches the course. If a prerequisite is required it will be announced in the course schedule.

HS-599 Independent Study in History Credits: 3
Term Offered: AllTerms
Course Type(s): None
Reading and research leading to significant written work under the direction of a member of the History faculty. Prior permission of the directing professor and department chair is required to take this course.

HS-690 History Master's Thesis Credits: 3
Term Offered: All Terms
Course Type(s): None
Writing a thesis based on original primary research under the supervision of a member of the History faculty. Prior permission of the directing professor and department chair is required to take this course.

HLS-CPE Homeland Security Comprehensive Examination Credits: None
Prerequisite(s): 33 credits in Homeland Security
Term Offered: All Terms
Course Type(s): None
The Homeland Security Comprehensive Examination is a zero-credit course that will allow students who have completed thirty-three credits of graduate course work in homeland security to take a comprehensive examination and complete their degree. This is a pass/fail course.

HLS-602 Theoretical Approaches to Homeland Security Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines the various theories and frameworks associated with homeland security. The theories and frameworks describe, explain, predict, and judge the causes of terrorism and crime, as well as the behaviors associated with natural, technological/accidental, and adversarial/human caused disasters. Topical issues include terrorism, transnational crime, extreme weather, and emergent threats including climate, economic, energy, environmental, food, human, technology, and water security.

HLS-610 Foundations of Homeland Security Credits: 3
Term Offered: All Terms
Course Type(s): OL
Overview of homeland security basic management concepts, issues contributing to terroristic acts, and critical analysis of terrorist activities.
HLS-620  Terrorism: Causes and Consequences: The Unconventional Threat  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides students with an in-depth examination of the unconventional threat of terrorism and its impact on the Homeland Security enterprise by exploring the overall phenomenon of terrorism as well as the complex motivations, ideologies, goals, and tactics of various domestic and international groups. Cultural, religious, and economic influences on terrorism, and media impact, will be considered. Students will analyze these groups in light of historical, contemporary, and potential future acts of terrorism in order to understand the causes, consequences, and impact terrorism has on our society. Balances out topical issues related to state terrorism, political terrorism, religious and apocalyptic violence, the media and terrorism, weapons of mass destruction, terrorist tactics and targeting, and the operational and organizational dynamics of terrorism.

HLS-630  Homeland Security Intelligence  Credits: 3
Term Offered: Summer Term
Course Type(s): OL
Acquaints students with the concepts and practices involved in the process of collecting, analyzing and evaluating intelligence and in managing the intelligence function, as well as the influence of intelligence in shaping homeland security decision making at the federal, state and local levels. It examines the structures, roles, and interactions of the foreign and domestic intelligence communities, the intelligence gathering and analysis of capabilities of criminal justice and private sector entities, and the use of intelligence processes to support homeland security investigations, planning, and intelligence applications to support strategic decision making.

HLS-640  Interdisciplinary Approach to Homeland Security  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Acquaints students with the concepts and practices among the various disciplines within the homeland security domain that provide the architecture for the nation’s preparedness strategy. Provides an understanding of how the law, constitution and interaction between the various disciplines of homeland security and defense, in theory and practice affect the development and execution of homeland security operations, strategies, and policies in general. Explores the collaborative efforts of multiple disciplines drawn from all levels of the public and private sectors, how they integrate with one another, and how they collectively factor into the prevention of, response to, and recovery from major events. Conversely, it will enhance the understanding students of the various disciplines associated with homeland security including law enforcement, fire services, emergency management, infrastructure custodians, the military, public health, and government administrators.

HLS-650  Cyber Security  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Examines current and emerging cyber threats and vulnerabilities. Focuses on policies and practices that govern cyberspace. Information systems technologies impact every aspect of twenty-first-century society and governance. At the same time, cyber capabilities hazard personal liberties, privacy, and homeland security. Students will explore emerging technologies that can facilitate and strengthen capability-specific national priorities to secure our cyberspaces and the homeland.

HLS-662  Psychopathology of Crime and Terrorism  Credits: 3
Term Offered: Fall Term
Course Type(s): OL
Discusses the psychology of criminal behavior and the development of the terrorist. Provides students with an in-depth examination of the psychological consequences of terrorism on a community and the impact of criminal behavior on a victim. Students will be exposed to the neurobiology of fear including predators of maladaptive/pathological response, and the biological correlates of criminal behavior. Also listed as CJ-662.

HLS-665  Emergency Management for Homeland Security  Credits: 3
Term Offered: Spring Term
Course Type(s): OL
Examines the core principles of emergency management: prevention, mitigation, communication, response, and recovery. Focuses on the Federal Emergency Management Agency’s (FEMA) Whole of Community approach to emergency management. Will assess emergency management’s civil defense legacy to the current all-hazards role applied at the federal, state, and local levels. Students will examine the role of emergency managers in the homeland security framework through case studies. Incorporates real-world catastrophes that may occur immediately prior to/during the course semester.

HLS-670  Constitutional Issues in Homeland Security  Credits: 3
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640
Course Type(s): OL

HLS-675  Technology for Homeland Security  Credits: 3
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640
Term Offered: All Terms
Course Type(s): OL
Provides students with an overview of myriad technologies that have helped to shape the homeland security enterprise. Students will examine critical infrastructure and key resources threats and vulnerabilities that characterize the homeland security operational environment. Students will explore how past, present, and emerging technologies have been used and how they might be used in the future. Balances out topical issues related to risk, perception of risk, technological capabilities, security, cyber-attacks, health issues, and legal issues that impact homeland security. Students will explore elements of cyberterrorism and emerging technologies that can facilitate and strengthen capability-specific national priorities in order to improve national preparedness.

HLS-680  Comparative Government for Homeland Security  Credits: 3
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640
Course Type(s): OL
Provides students with an in-depth examination of other countries' homeland security governance and policies with a focus on counterrorism laws, security, law enforcement, emergency response, and public health. Students will analyze other countries’ traditions, political and bureaucratic institutions, and policies that might inform the U.S. homeland security enterprise. Designed to provide students with homeland security-related lessons learned and smart practices employed by other countries that, if adapted, scaled, and measured to the vision, mission, and purpose of a U.S. jurisdiction/organization, might make safe and secure the nation.
Management Information Systems (MIS)

MIS-514  Networks  Credits: 3
Term Offered: All Terms
Course Type(s): None
An introductory-level course on the hierarchy of networking software and hardware. Particular emphasis on Medium Access Control, Network layer, Transport layer, and Session layer. Several MAC-layer protocols, TCP/IP. Also listed as CS-514.

MIS-517  Database Design and Management  Credits: 3
Prerequisite(s): CS-503 passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Introduction to database systems, data modeling, design theory and methodologies, query languages and query processing. Coverage of relational database model and design, normalization process, SQL, hands-on database design and application development. Also listed as CS-517.

MIS-525  Information System Architecture  Credits: 3
Prerequisite(s): MIS-565 or SE-565
Term Offered: All Terms
Course Type(s): None
Serves as an introduction to information systems architecture. The topics covered deal with an introduction to database systems, data models, the relational database model, the entity relation model, normalization, advanced data modeling, SQL, database design, transactions, performance, distributed database systems, and data warehouses. For MSIS students only. Also listed as SE-625.

MIS-550  Software Project Management  Credits: 3
Prerequisite(s): SE-505
Term Offered: Fall Term
Course Type(s): None

MIS-551  Software Organization Management  Credits: 3
Prerequisite(s): SE-505
Term Offered: Spring Term
Course Type(s): None
Management issues regarding the software process. Authority and delegation. Leadership and leadership paradigms. Software team management organization, staffing and evaluation. Organizational alternatives. Centralized vs. decentralized organizations. Managing design, development and testing teams. Managing software support organizations. Strategies for staffing: minimal vs. redundant staffing. Combining generalists and specialists to achieve an optimal staff configuration. Staff development and growth. Fostering professional growth within the organization. Evaluation strategies and techniques. Compensation and reward issues. For MSIS students only. Also listed as SE-651.
MIS-565 Software System Requirements Credits: 3
Prerequisite(s): CS-501A, SE-505, and SE-511
Term Offered: All Terms
Course Type(s): None
Students will learn advanced methods in software systems requirements. Ideally, these methods should be applied at the system, enterprise or global levels of software development. Methods in requirements elicitation, modeling of enterprises, prioritization and negotiation of requirements will be emphasized. Methods for including COTS into system applications and product families will be introduced. By the end of the course, students will master the standard documentation of system requirements. Many opportunities for hands-on experience with requirement tools will be provided throughout the course. For MSIS students only.

MIS-575 Software Verification, Validation and Maintenance Credits: 3
Prerequisite(s): CS-501A and SE-505
Term Offered: All Terms
Course Type(s): None
Explores the techniques employed to insure quality in a software product developed in a controlled and disciplined environment. Detailed examination of software testing and inspection principles and methodologies. Provides specific methods for test case selection and inspection development leading to optimization of resource management in the software environment. For MSIS students only.

MIS-588 Information Systems Practice and Experience Credits: 1
Term Offered: All Terms
Course Type(s): None
Provides opportunity for international Information Systems graduate students on an F1 student visa to obtain related experience via employment at a local company or institution, with Monmouth University sponsorship. Available only to Information Systems graduate students who have completed at least 18 credit hours of graduate courses (500-600 level), with a minimum G.P.A. of 3.00. This course does not satisfy elective requirements. Students may take this course a maximum of two times. Limited to MSIS students on an F1 Student Visa. This is a pass/fail course.

MIS-599 Independent Study in Management Information Systems Credits: 3
Prerequisite(s): #12 credits in Management Information Systems
Term Offered: Fall Term
Course Type(s): None
The development and execution of a significant research project designed by the student in consultation with a management information systems professor. This is an experience meant to focus learning on an area of special interest to the student. Prior permission of the directing professor and department chair is required to take this course.

MIS-623 Management Information Systems Credits: 3
Term Offered: Fall Term
Course Type(s): None
A survey of the concepts of management information systems and the information needs of management. A user-oriented introduction to the fundamentals of information systems and their integration into business organizations. Also listed as SE-623. Not open to students who have successfully completed BM-520.

MIS-691 Management Information System Thesis I Credits: 3
Prerequisite(s): BM-520, MIS-525, MIS-565 and either MIS-517 and MIS-514 and MIS-575 or BM-565 and MIS-550 and MIS-551
Term Offered: All Terms
Course Type(s): None
First semester of independent research in management information systems, spanning a period of two consecutive semesters in an area not substantially covered in a regular course offering, under the supervision of a faculty member. A formal thesis is required. An oral defense of the thesis before a committee of two faculty members who teach MIS courses, plus the advising professor is required. Depending on the topic, a reviewer from outside the program faculty may be asked to serve as a committee member. For MSIS students only.

MIS-692 Management Information System Thesis II Credits: 3
Prerequisite(s): MIS-691
Term Offered: All Terms
Course Type(s): None
Second semester of independent research in management information systems, spanning a period of two consecutive semesters in an area not substantially covered in a regular course offering, under the supervision of a software engineering faculty member. A formal thesis is required. An oral defense of the thesis before a committee of two faculty members who teach MIS courses, plus the advising professor is required. Depending on the topic, a reviewer from outside the program faculty may be asked to serve as a committee member. For MSIS students only.

MIS-695A Management Information System Practicum I Credits: 3
Prerequisite(s): BM-520 or MIS-623 and MIS-525 and MIS-565
Term Offered: All Terms
Course Type(s): None
A two-semester course sequence with major emphasis on a hands-on, team-oriented software development project. Students will be asked to form groups of three to five persons, which will work as a team whose purpose will be propose, plan, develop and market a software product. The teamwork exercise will be accompanied by readings, lectures and seminar discussions on economics, organizational behavior and management, managerial and financial accounting, finance, marketing, quantitative business modeling, electronic commerce, logistics, ethics, law and social responsibility. For MSIS students only.

MIS-695B Management Information System Practicum II Credits: 3
Prerequisite(s): MIS-695A
Term Offered: All Terms
Course Type(s): None
A two-semester course sequence with major emphasis on a hands-on, team-oriented software development project. Students will be asked to form groups of three to five persons, which will work as a team whose purpose will be propose, plan, develop and market a software product. The teamwork exercise will be accompanied by readings, lectures and seminar discussions on economics, organizational behavior and management, managerial and financial accounting, finance, marketing, quantitative business modeling, electronic commerce, logistics, ethics, law and social responsibility. For MSIS students only.

MIS-699 Individual Research Project in Management Information Systems Credits: 1-3
Term Offered: Spring Term
Course Type(s): None
The development and execution of a significant research project designed by the student in consultation with a Management Information Systems professor. An experience meant to focus learning on an area of special interest to the student. Prior permission of the directing professor and department chair is required to take this course.
Mathematics (MA)

MA-598  Special Topics in Mathematics  Credits: 3
Term Offered: Spring Term
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student’s transcript. For the course to count for credit toward a particular graduate program outside mathematics, prior permission of the chair of graduate studies in that program must also be obtained.

Music (MU)

MU-599  Independent Study in Music  Credits: 1-3
Term Offered: Spring Term
Course Type(s): None
Reading and research on a selected topic under the direction of a Music Department faculty member. Prior permission of the directing professor and department chair is required to take this course.

Nursing (NU)

NU-SANE  Sexual Assault Nurse Examiner  Credits: None
Term Offered: All Terms
Course Type(s): NOSRCH
Provides basic theoretical and forensic principles to treat victims of sexual crimes by introducing standards of practice for the sexual assault nurse examiner (SANE) as outlined for SANE certification. Standards and principles of nursing practice will be applied to the practice of various areas of expertise held by SANE nurses. Forensic evaluation may include victims of all ages and ethnic and socioeconomic backgrounds within a framework of community and agency policies, procedures and protocols. Using the nursing process in the investigation of sexual assault and in the promotion and restoration of psychological, biological, and social health of survivors of sexual assault or abuse will be introduced. History and physical examination, crisis intervention, identifying and collecting evidence, and treating and counseling victims will be discussed. This is a pass/fail course.

NU-508  Factors Affecting Healthcare  Credits: 3
Term Offered: All Terms
Course Type(s): None
Examine models and contexts for health promotion and disease prevention; examine the influence of culture on health beliefs and practices; and ethical dilemmas. Investigate factors such as access to care, health and social policy, healthcare finance and economics, and legislative influences on health. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-512  Nursing Research for Advanced Nursing Practice  Credits: 3
Term Offered: All Terms
Course Type(s): None
Critical appraisal of the role of nursing research and research methods of inquiry in the development of nursing theory and practice. Qualitative and quantitative research methods; research designs; measurement theory and strategies; methods of data analysis; read, critique and write research reports; ethics, application of research techniques for outcomes evaluation and evidence-based practice. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-514  Data Management for Advanced Nursing Practice  Credits: 3
Prerequisite(s): NU-512
Term Offered: All Terms
Course Type(s): None
Planning for and collection of outcome data; preparation of data for hypothesis testing; use of the SPSS statistical computer package for data management and analysis; selection and interpretation of appropriate parametric and nonparametric descriptive and inferential statistics for outcome evaluation. Quantitative and qualitative data analysis. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-518  Education and Motivation of Nursing Clients  Credits: 3
Term Offered: All Terms
Course Type(s): NU.EL
Role of the nurse in fostering health promotion via education of clients, families, and professional colleagues. Essential factors for successful teaching and learning. Motivating the client to make behavioral changes to promote health and development. Development, presentation, and evaluation of a formal teaching plan. Students must earn a minimum grade of B in the course. Students who receive less than a grade of B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-521  Pathophysiology and Histology  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on pathogenesis of selected diseases leading to alterations of body structure and functions across the life span. Emphasizes the laboratory identification of vertebrate tissue. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
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**NU-524 Pharmacology for Advanced Nursing Practice**  
Credits: 3  
Prerequisite(s): NU-521  
Term Offered: All Terms  
Course Type(s): None  

Historical perspective, legal regulations and standards, the Controlled Substances Act; pharmacokinetics; pharmacodynamics; choice and use of pharmacotherapeutics; nursing responsibilities in drug prescription; client education with respect to drug-desired effects, side effects, interactions, toxicity, dependence, and addiction. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

**NU-535 Advanced Health Assessment**  
Credits: 3  
Prerequisite(s): NU-521  
Term Offered: All Terms  
Course Type(s): None  

Theory and practice of health assessment skills, identification of deviations from the normal and documentation of findings are refined. Advanced-level assessment includes the comprehensive history, physical, and psychological variations of the client. The client is viewed holistically, incorporating cultural, nutritional, and developmental variations. Application of techniques is practiced in the college laboratory and with clients in outside agencies. Students translate assessment data into differential diagnosis and interpret laboratory and diagnostic data. Relationship of health assessment to the role and responsibilities of the nurse is examined. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

**NU-526 Advanced Health Assessment for Forensic Nurses**  
Credits: 3  
Prerequisite(s): NU-521 and NU-524  
Term Offered: Summer Term  
Course Type(s): None  

Theory and practice of health assessment skills, identification of deviations from the normal and documentation of findings are refined. Advanced level assessment includes the comprehensive history, physical and psychological variations of the client across the lifespan. The client is viewed holistically, incorporating cultural, nutritional, and developmental variations. Application of techniques is practiced in the college laboratory and with clients in outside agencies. Students translate assessment data into differential diagnoses and interpret laboratory and diagnostic data. Relationship of health assessment to the role and responsibilities of the nurse is examined. Students must earn a minimum grade of B in the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

**NU-541 Primary Care**  
Credits: 3  
Prerequisite(s): NU-521, NU-524, and NU-535  
Co-requisite(s): NU-542  
Course Type(s): None  

Aspects of advanced health assessment, clinical reasoning, and diagnostic skills necessary to manage common stable, chronic, and episodic alterations in health. Various advanced nursing practice roles in health care, ethical and legal issues in clinical practice, application of research-based clinical outcomes, promotion and maintenance of health, disease prevention and treatment modalities for individuals are explored. Content is presented in weekly clinical case studies related to common alterations in health. Factors influencing health care systems, patterns of human responses, and cultural and epidemiological influences will be discussed in weekly clinical case studies. Performing assessments and screenings related to common alterations in health are also included in a weekly, faculty-supervised clinical practice. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

**NU-542 Primary Care Laboratory**  
Credits: 1  
Prerequisite(s): NU-521, NU-524, and NU-535  
Co-requisite(s): NU-541  
Course Type(s): None  

This clinical course is designed to be taken with the lecture component of NU-541. Aspects of advanced health assessment, clinical reasoning, and diagnostic skills necessary to manage common stable, chronic, and episodic alterations in health. Various advanced nursing practice roles in health care, ethical and legal issues in clinical practice, application of research-based clinical outcomes, promotion and maintenance of health, disease prevention and treatment modalities for individuals are explored. Content is presented in weekly clinical case studies related to common alterations in health. Factors influencing health care systems, patterns of human responses, and cultural and epidemiological influences will be discussed in weekly clinical case studies. Performing assessments and screenings related to common alterations in health are also included in a weekly, faculty-supervised clinical practice. This is a pass/fail course.

**NU-543 Diagnosis and Treatment of Psychopathology**  
Credits: 3  
Co-requisite(s): NU-544  
Term Offered: All Terms  
Course Type(s): None  

Provides the basic foundations of clinical management of common psychiatric/mental health problems in adults. For students in the Adult Psychiatric Mental Health APN Track. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
NU-544  Diagnosis and Treatment of Psychopathology Clinical Laboratory
Prerequisite(s): NU-521, NU-524, and NU-535
Co-requisite(s): NU-543
Term Offered: All Terms
Course Type(s): None
Provides the basic foundations of clinical management of common psychiatric/mental health problems in adults. The student will deliver mental health care to adults with mental health problems including collection of subjective and objective data using the techniques of interview; establishing a psychiatric diagnosis utilizing the DSMIV-TR classification system; and completing an initial psychiatric assessment and identifying psychopharmacologic interventions as appropriate. Establishment of collaborative role with other healthcare providers. Restricted to Psychiatric and Mental Health Nurse Practitioner students only. This is a pass/fail course.

NU-562  Tests and Measures
Term Offered: Spring Term
Course Type(s): None
Considers evaluation methods related to norm-referenced and criterion-referenced evaluation methods in education. Students will investigate criteria used to develop reliable and valid evaluation measures. Current issues and research related to educational testing instruments, alternatives to standardized evaluation methods, and outcome measurement in education will be discussed. Students will explore measurement theory and evaluate measures that are used to identify cognitive, affective, and psychomotor domains as they relate to education. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. Also listed as NU-762. Students who have taken NU-562 are not eligible to take NU-762.

NU-564  Curriculum Development and Instruction in Nursing Education
Term Offered: Fall Term
Course Type(s): OL
The primary focus of this course is the process of curriculum development in nursing. Factors influencing curriculum development, the process of curriculum development and evaluation methods are emphasized. Instruction and evaluation in didactic nursing courses and clinical experiences are addressed. Individuals completing this course will be prepared for the role of nurse educator in academic settings. Students who have taken NU-564 are not eligible to take NU-764.

NU-566P  Nurse Educator Practicum I
Prerequisite(s): NU-521, NU-524, and NU-535
Co-requisite(s): NU-566S
Term Offered: Fall Term
Course Type(s): None
Course provides an opportunity for the student to engage in planned clinical practice experiences, incorporating the concentration (Pathophysiology, Pharmacology, and Advance Health Assessment) in a direct-care role in a clinical setting to strengthen their patient care delivery skills. The student will also function in the role of the novice academic nurse educator, applying teaching and learning principles in both the academic and clinical settings. Each practice experience is guided by a preceptor. Total practicum hours for this course is a minimum of 90 hours. This is a pass/fail course. Students who have taken NU-566P are not eligible to take NU-766P.

NU-566S  Nurse Educator Seminar I
Prerequisite(s): NU-521, NU-524, and NU-535
Co-requisite(s): NU-566P
Term Offered: All Terms
Course Type(s): None
Through discussion and sharing, students reflect on their direct-care practicum experiences and how it impact the role of academic nurse educator. In addition, students discuss the role of the academic nurse educator and how the practicum experiences relate to the eight core nursing competencies of the academic nurse educator outlined by the National League for Nursing. Students who have taken NU-766S are not eligible to take NU-566S.

NU-567P  Nurse Educator Practicum II
Co-requisite(s): NU-567S
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practicum experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours are required. Also listed as NU-767P. Students who have taken NU 567P are not eligible to take NU-767P.

NU-567S  Nurse Educator Seminar II
Co-requisite(s): NU-567P
Term Offered: Spring Term
Course Type(s): None
Through further discussion, and sharing, students refine their practice and identify the tasks associated with the eight core competencies of the academic nurse educator outlined by the National League for Nursing. Also listed as NU-767S. Students who have taken NU-567S are not eligible to take NU-767S.

NU-575  Issues in Forensic Nursing
Term Offered: Fall Term
Course Type(s): None
Introduction to forensic nursing practice and the concepts, theories, and principles used in this advanced practice role. The use of the nursing process in forensic decision making for the management of individuals or populations are illustrated. The relationship between various sociocultural factors, psychosocial issues, and ethical challenges are discussed in relationship to catastrophic injuries/illnesses and violent crimes. Comparison of the various roles in which forensic nursing can be applied are examined including the scopes and standards of nursing practice. Legal considerations in areas such as collection of forensic evidence and preservation, discovery, expert testimony are distinguished. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
NU-576  Interpersonal Violence  Credits: 3
Term Offered: All Terms
Course Type(s): NU.EL
Examines the various types and patterns of violence related to cultural values, beliefs, biases and societal issues, as well as the historical perspective of violence. Content includes: family, community, youth, and workplace violence, and child, domestic, elder and sexual abuse. Theories concerning gender violence, gangs, bias and hate crimes, and terrorism are challenged. Public health and health care issues related to violence, and primary, secondary, and tertiary level interventions for victims and offenders of violence are discussed. Individual responsibilities associated with identification and reporting violence are identified. Healthcare measures to identify and prevent violence are analyzed. Methods of treatment for victims and perpetrators of violence are evaluated. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-577  Forensic Pathology  Credits: 3
Prerequisite(s): NU-521, NU-524, and NU-535 all passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Designed to introduce students to concepts of forensic pathology with an emphasis on the recognition and interpretation of diseases and injuries in the human body that are the basis for medico-legal investigations. It presents an overview of the medico-legal investigative systems and the substance and mechanics of forensic pathology. The medical examiner, usually the pathologist, is primarily concerned with the investigation of violent, sudden, unexpected, and suspicious deaths. The medical examiner determines the cause and manner of death, identifies the deceased if unknown, determines the approximate time of injury and death, collects evidence from the body, issues a death certificate, and documents these events through an official autopsy report.

NU-578P  Forensic Nursing Practicum  Credits: 2
Prerequisite(s): NU-521, NU-535, NU-543, NU-575, NU-576, and NU-577
Co-requisite(s): NU-578S
Term Offered: All Terms
Course Type(s): None
Students will work in an interdisciplinary team or with individuals in forensic arenas as they apply forensic theory and research in forensic nursing practice. Appropriate techniques for identifying, collecting and documenting pertinent data will be reinforced through clinical practice in a forensic arena. Under the supervision and guidance of a clinical preceptor, students will identify outcomes and plans of action for effective coordination and communication among professionals and clients as a means to learn appropriate techniques for the identification, prevention, and management of victims of crime and trauma. Students will develop expertise in the collection, preservation and documentation of evidence as identified in scopes and standards of forensic nursing practice. Individual experiences are arranged in conjunction with students' goals for practice. Students will attend a one-hour weekly seminar and a weekly eight-hour clinical practicum. This is a pass/fail course.

NU-578S  Forensic Nursing Seminar  Credits: 1
Prerequisite(s): NU-521, NU-535, NU-543, NU-575, NU-576, and NU-577
Co-requisite(s): NU-578P
Term Offered: All Terms
Course Type(s): None
Examines and analyzes the role of the school nurse as a healthcare provider, health educator, health counselor, child advocate in the school community, and interdisciplinary team member. Explores financial, legal, and administrative issues as they relate to school nursing. Reviews normal growth and developmental patterns. Describes common health problems, special needs, and interventions appropriate for school nurses. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
NUR-586  **School Nursing II**  Credits: 4
Term Offered: Spring Term
Course Type(s): None
A continuation of the examination and analysis of the role of the school nurse as healthcare provider, health educator, health counselor, and interdisciplinary team member. An expansion of the role of the nurse as child advocate in the community and as public health nurse. Explores external and internal environmental influences that impact on the health of children. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NUR-587P  **Practicum: School Nurse I**  Credits: 2
Prerequisite(s): NUR-585
Co-requisite(s): NUR-587S
Term Offered: All Terms
Course Type(s): None
Introduction to the clinical experience for the school nurse. The student has his/her clinical experience in the school nurse's office where he or she takes an active part in school health services, physical assessments, organization and administration of the school health program as outlined in NJAC 6A:9 Professional Licensure and Standards of the NJ Board of Education Standards. This is a pass/fail course.

NUR-587S  **Seminar: School Nurse I**  Credits: 2
Prerequisite(s): NUR-585
Co-requisite(s): NUR-587P
Term Offered: Fall Term
Course Type(s): None
Discusses the school nurse's role as a healthcare provider, health counselor, administrator and member of the interdisciplinary school team. Students who are employed as a school nurse should take this two-credit seminar to fulfill the New Jersey Board of Education's requirement of "a minimum six semester-hour credits in school nursing, including school health services, physical assessments, organization, and administration of the school health program." Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue programs requiring this course.

NUR-588P  **Practicum: School Nurse II**  Credits: 2
Prerequisite(s): NUR-586, NUR-584, and NUR-587S
Co-requisite(s): NUR-588S
Term Offered: Spring Term
Course Type(s): None
A continuation of the clinical experience for the school nurse. The student functions in the role of the school nurse as a health educator. This is a pass/fail course.

NUR-588S  **Seminar: School Nurse II**  Credits: 2
Prerequisite(s): NUR-586 and NUR-587S
Co-requisite(s): NUR-584 and NUR-588P
Term Offered: Spring Term
Course Type(s): None
Discusses the school nurse's role as a health educator. Students must earn a minimum of a "B" in the course. Students who receive less than a "B" will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a "B" will make students ineligible to continue programs requiring this course.

NUR-598  **Special Topics in Nursing**  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Allows students to study a specific aspect of nursing. The subject matter varies from semester to semester and depends on the professor who teaches the course. If a prerequisite is required it will be announced in the course schedule.

NUR-599  **Independent Study in Nursing**  Credits: 1-4
Term Offered: All Terms
Course Type(s): None
Independent study (theory and/or practica) in a specialized area of interest to the student. Weekly consultations with supervising faculty member. Prior permission of the directing professor and department chair is required to take this course.

NUR-621  **Advanced Practice Nursing I: Adult Gerontology**  Credits: 3
Prerequisite(s): NUR-521, NUR-524, NUR-535, NUR-541, and NUR-542.
Co-requisite(s): NUR-622P and NUR-622S
Term Offered: Fall Term
Course Type(s): None
Detailed case study analysis of common health problems of adult and older adults including pathophysiology, epidemiology, strengths and weaknesses of assessment of data collection, diagnostic process, planning, intervention, and evaluation. Interview and perform physical examination techniques for collecting subjective and objective data in primary-care and long-term care settings; deriving diagnoses; planning care for acute and chronic illness in culturally diverse populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance will be explored. Expansion of traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics will be discussed. The course is process-driven and will require extensive reading in the student's specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NUR-622P  **Advanced Practice Nursing Practicum I: Adult-Gerontology**  Credits: 3
Co-requisite(s): NUR-621 and NUR-622S
Term Offered: Fall Term
Course Type(s): None
Delivery of primary healthcare to adults and geriatric clients with common health problems, including collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of interdisciplinary practice with other healthcare providers. This is a pass/fail course.
NU-622S Advanced Practice Nursing Seminar I: Adult Gerontology  
Credits: 1
Co-requisite(s): NU-621 and NU-622P  
Term Offered: Fall Term  
Course Type(s): None  
Delivery of primary health care to adults and older adults with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of interdisciplinary practice with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-623 Advanced Practice Nursing II: Adult Gerontology  
Credits: 3
Prerequisite(s): NU-621  
Co-requisite(s): NU-624P and NU-624S  
Term Offered: Spring Term  
Course Type(s): None  
A continuation of NU-621. Detailed case study analysis of health problems including pathophysiology, epidemiology, strengths and weaknesses of assessment data collection, diagnostic process, planning, intervention, and evaluation. Interview and physical examination techniques for collecting subjective and objective data in primary, acute, and chronic illness in culturally diverse populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance. Expansion of the traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics. A process-driven course that will require extensive reading in the student's specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-624P Advanced Practice Nursing Practicum: Adult Gerontology  
Credits: 3
Prerequisite(s): NU-621, NU-622S, and NU-622P  
Co-requisite(s): NU-624S  
Term Offered: Spring Term  
Course Type(s): None  
Delivery of primary healthcare to adult/gerontological and adolescent clients with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving diagnoses; planning care for acute and chronic illness using community resources; communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of interdisciplinary practice with other healthcare providers. This is a pass/fail course.

NU-624S Advanced Practice Nursing Seminar II: Adult Gerontology  
Credits: 1
Prerequisite(s): NU-621, NU-622S, and NU-622P  
Co-requisite(s): NU-623 and NU-624P  
Term Offered: Spring Term  
Course Type(s): None  
Delivery of primary healthcare to adult/gerontological and adolescent clients with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving diagnoses; planning care for acute and chronic illness using community resources; use of communication for age-appropriate health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-631 Advanced Practice Nursing I: Family  
Credits: 3
Prerequisite(s): NU-521, NU-524, NU-535, NU-541, and NU-542  
Co-requisite(s): NU-632P and NU-632S  
Term Offered: Fall Term  
Course Type(s): None  
Detailed case study analysis of common health problems of the adult and older adult including pathophysiology, epidemiology, strengths and weaknesses of assessment of data collection, diagnostic process, planning, intervention, and evaluation. Interview and physical examination techniques for collecting subjective and objective data in the primary-care and long-term care settings; deriving diagnoses; planning care for acute and chronic illness in culturally diverse populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance with be explored. Expansion of traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics will be discussed. A process-driven course that will require extensive reading in the student's specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-632P Advanced Practice Nursing Practicum I: Family  
Credits: 3
Co-requisite(s): NU-631 and NU-632S  
Term Offered: Fall Term  
Course Type(s): None  
Delivery of primary health care to the family unit with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. This is a pass/fail course.
NU-632S  Advanced Practice Nursing Seminar I: Family  Credits: 1  
Co-requisite(s): NU-631 and NU-632P  
Term Offered: Fall Term  
Course Type(s): None  

Delivery of primary healthcare to adults and older adults with common health problems include collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-633  Advanced Practice Nursing II: Family  Credits: 3  
Prerequisite(s): NU-631  
Co-requisite(s): NU-634S and NU-634P  
Term Offered: Spring Term  
Course Type(s): None  

Detailed case study analysis of health problems, including pathophysiology, epidemiology, strengths and weaknesses of assessment of data collection, diagnostic process, planning, intervention, and evaluation. Interview and physical examination techniques for collecting subjective and objective data in primary, acute and long-term care settings; deriving nursing diagnoses; planning care for acute and chronic illness in culturally diverse populations utilizing community resources; using communication for health teaching and counseling and to motivate clients for positive health maintenance. Expansion of traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics. A process-driven course that will require extensive reading in the student's specialty area. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-634S  Advanced Practice Nursing Seminar II: Family  Credits: 1  
Prerequisite(s): NU-631, NU-632S, and NU-632P  
Co-requisite(s): NU-634P and NU-633  
Course Type(s): None  

Discussion of delivery of healthcare to the child, pregnant couple, and adults with complex health problems that include collection of subjective and objective data using the techniques of interview and physical examination; deriving nursing diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-634P  Advanced Practice Nursing Practicum II: Family  Credits: 2  
Prerequisite(s): NU-631, NU-632S, and NU-632P  
Co-requisite(s): NU-634P and NU-633  
Course Type(s): None  

Deliver primary care to pediatric clients with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; diagnosing and planning care for acute and chronic illness in culturally diverse pediatric populations utilizing community resources; use communication skills for health teaching and counseling and to motivate clients for positive health maintenance. Expand the traditional nursing role to the advanced practice nurse (APN) role through the incorporation of evidence-based practice, personal knowledge, and ethics. Establish collaborative relationships with other health care providers for comprehensive care. This is a pass/fail course.
NU-661  Nursing Administration I  Credits: 3
Co-requisite(s): NU-662P and NU-662S
Course Type(s): None

Students are socialized into the middle-level management and administration roles by examination of the administrative process in a variety of healthcare organizations. Students are expected to assess, plan, develop, evaluate, and refine their effectiveness as managers and leaders of nursing and patient care services. By synthesizing information from previous course work, management theories, and relevant research, students will be able to apply themselves to the management/administration roles. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-662P  Nursing Administration I Practicum  Credits: 2
Co-requisite(s): NU-661 and NU-662S
Term Offered: Fall Term
Course Type(s): None

Students observe and participate in the middle-level management/administrative process in a variety of healthcare organizations. For the required practicum, the student selects a nursing service compatible with the student's individual goals. Socialization into the middle management and administrative roles permits students to assess, plan, implement, and refine their skills as beginning practitioners as managers and leaders of nursing and patient care services. This is a pass/fail course.

NU-662S  Nursing Administration II Seminar  Credits: 1
Co-requisite(s): NU-661 and NU-662P
Course Type(s): None

Students analyze the middle-level management/administrative process in a variety of healthcare organizations. Socialization into the middle management and administrative roles permits students to assess, plan, implement, and refine their skills as beginning practitioners as managers and leaders of nursing and patient care services. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-663  Nursing Administration II  Credits: 3
Prerequisite(s): NU-661, NU-662S, and NU-662P
Co-requisite(s): NU-664P and NU-664S
Term Offered: Spring Term
Course Type(s): None

Students are prepared to practice in the role of middle-level administration and nursing case manager. Students will build on the information obtained in Nursing Administration I. In addition, nurses will learn the role of the nursing case manager. Students learn how to provide quality healthcare along a continuum, decrease fragmentation of care across multiple settings, enhance the client's quality of life, and address issues concerning cost containment. Communication and collaboration techniques are utilized to assess, plan, implement, coordinate, monitor and evaluate the options and services available to meet individual health needs. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-664P  Nursing Administration II Practicum  Credits: 2
Prerequisite(s): NU-661, NU-662S, and NU-662P
Co-requisite(s): NU-663 and NU-664S
Term Offered: Spring Term
Course Type(s): None

Students observe and participate in the human resources and the nursing case management roles. Students build on the information obtained in Nursing Administration I. Students investigate the integration of the nursing administrator role and human resource elements and observe the relationship through direct observation of the HR staff and the Executive Team. This is a pass/fail course.

NU-664S  Nursing Administration II Seminar  Credits: 1
Prerequisite(s): NU-661, NU-662S, and NU-662P
Co-requisite(s): NU-663 and NU-664P
Term Offered: Spring Term
Course Type(s): None

Students analyze the human resource role and the nursing case management role and their relationship to nursing administration. Students build on the information obtained in Nursing Administration Seminar I. Students assess, plan, and implement their effectiveness as administrative-level nursing personnel and delve into the knowledge required to comprehend the role of case management and human resources and their relation to nursing administration. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-669  Psychiatric Mental Health Nursing I: Practice with Children and Adolescents  Credits: 3
Prerequisite(s): NU-521, NU-524, NU-535, NU-543, and NU-544
Co-requisite(s): NU-670P and NU-670S
Course Type(s): None

Examines psychological theories, assessment techniques and psychopharmacologic interventions for working directly with children, adolescents, and their caretakers. Emphasizes evidence-based interventions that address diverse groups of children or adolescents within their social contexts (e.g., peer group, school, family, neighborhood). Special attention will be given to issues of diversity as it relates to building therapeutic relationships and intervening with children, adolescents and their families. Treatment planning and specific methodologies for working therapeutically with children and adolescents will be evaluated. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-670P  Psychiatric Mental Health Nurse Practitioner Nursing I: Practice with Children and Adolescents Practicum  Credits: 2
Prerequisite(s): NU-521, NU-524, NU-535, NU-543, and NU-544
Course Type(s): None

Delivery of mental healthcare to children and adolescents with mental health problems including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; delivering nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. This is a pass/fail course.
Practicum I  
**NU-669** Advanced Practice Psychiatric/Mental Health Nursing I: Practice with Children and Adolescents Seminar  
Credits: 1  
Course Type(s): None  
Term Offered: All Terms  
Co-requisite(s): NU-671 and NU-670P  
Prerequisite(s): NU-521, NU-524, NU-535, NU-543, and NU-544

Delivery of mental health care to children and adolescents with mental health problems including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

**NU-671** Advanced Practice Psychiatric/Mental Health Nursing II: Psychopharmacology and Introduction to Therapy  
Credits: 3  
Course Type(s): None  
Term Offered: All Terms  
Co-requisite(s): NU-672P and NU-672S  
Prerequisite(s): NU-521, NU-535, NU-543, and NU-544

Focuses on advanced knowledge of psychiatric/mental health nursing. Assessment, treatment planning and therapeutic interventions with individuals, families and groups will be introduced. Offers various treatment models including the classic schools and current developments in individuals, families and groups. Each therapeutic modality will be presented using key concepts, an explanation of the therapeutic process and application of techniques. In view of the reliance on direct practice experiences with individuals, families and groups, students will be placed in clinical sites concurrently with the courses NU-672P and NU-672S. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

**NU-672P** Advanced Practice Psychiatric/ Mental Health Nursing Practicum II  
Credits: 3

Co-requisite(s): NU-671 and NU-672S  
Term Offered: All Terms  
Course Type(s): None

Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other health care providers. This is a pass/fail course.

**NU-672S** Advanced Practice Psychiatric/Mental Health Nursing Seminar II  
Credits: 1

Co-requisite(s): NU-671 and NU-672P  
Term Offered: All Terms  
Course Type(s): None

Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other health care providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

**NU-673** Advanced Practice Psychiatric/ Mental Health Nursing III  
Credits: 3

Co-requisite(s): NU-671, NU-672P, and NU-672S  
Term Offered: All Terms  
Course Type(s): None

Builds upon the foundation course NU-671. As clinicians there is an ever-preserving need to interpret theory and engage in practice inclusively. Examines how clients’ lives are affected by larger societal structures. This course will examine modalities and ways to intervene with clients with a true sensitivity and understanding of issues of race, culture, gender, religion and sexual orientation. Each therapeutic modality will be presented using key concepts, an explanation of the therapeutic process and application of techniques. In view of the reliance on direct-practice experiences with individuals, families and groups, students will be placed in clinical sites concurrently with this course (NU-674P and NU-674S). Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

**NU-674P** Advanced Practice Psychiatric/Mental Health Nursing Practicum III  
Credits: 3

Co-requisite(s): NU-671, NU-672S, and NU-672P  
Term Offered: All Terms  
Course Type(s): None

A continuation of NU-672P: Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. This is a pass/fail course.
NU-674S  Advanced Practice Psychiatric/Mental Health Nursing Seminar III
Prerequisite(s): NU-671, NU-672P and NU-672S
Co-requisite(s): NU-673 and NU-674P
Term Offered: All Terms
Course Type(s): None
A continuation of NU-672S. Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources, use of interventions including short-term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-699  Independent Study in Nursing (600 Level)
Term Offered: All Terms
Course Type(s): None
Independent study (theory and/or practica) in a specialized area of interest to the student. Weekly consultations with supervising faculty member. Prior permission of the directing professor and department chair is required to take this course.

NU-701  Translating Evidence to Clinical Practice
Term Offered: All Terms
Course Type(s): OL
Components central to the concept of evidence-based practice are introduced and emphasis is placed on evaluating systematically, research and evidence from multiple sources. Critical appraisal of evidence utilizing clinical informatics, databases, multidisciplinary best practices, and systematic reviews of randomized clinical trials will be included in an approach to a clinical question or problem for a practice change. Strategies for creating a culture of evidence-based practice for individuals and clinical systems will be explored. Tools for diffusing the change or innovation are included. The concept of translational science will prepare students to begin formulation of a capstone project. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-702  Health Promotion in Diverse Populations
Term Offered: All Terms
Course Type(s): OL
Examines the influence of culture on nursing care delivery. Explores the DNP's role in providing culturally appropriate care for increasingly diverse populations. The focus of the course is on global health issues, factors affecting health, disparities in healthcare and infrastructure of populations. Students will utilize evidence-based research to analyze various social, cultural, and economic factors that impact health, illness and the perceptions/behaviors of diverse ethnic and minority groups as they relate to health promotion. Content includes an examination of social, psychological, and cultural theories, a review of current research about health and illness beliefs/behaviors, and the development of health promotion strategies to improve care provided to individuals, aggregates and populations. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-703  Epidemiology and Genetics/Genomics
Term Offered: All Terms
Course Type(s): OL
Explores the key features of epidemiological and genetic concepts and theories in relation to populations. Epidemiological principles will be examined in relation to public health issues to plan and evaluate strategies to prevent illness and study diseases. Exploration of the risks health care personnel deal with: environmental catastrophes, (chemical, biological, and radiation), nuclear attacks, disease outbreaks and global conflicts. Investigation into local, regional, national and international databases regarding health disparities, disease entities, genetic problems, global threats and the response preparedness and effectiveness of various agencies and governments. The student will identify risk factors for genetic disease and explore the influence of genetics and genomics on human diseases as they relate to the ethical, legal and financial responsibilities of the advanced practice nurse. Students must earn a grade of "B" or higher in this course, or it will have to be repeated.

NU-705  Interprofessional Collaboration and Team Facilitation
Term Offered: All Terms
Course Type(s): OL
Examines advanced communication skills and other behaviors that provide the knowledge and skills needed for exemplary leadership, with an emphasis on relationships and team building. Leadership and communication strategies that help move professionals multidisciplinary groups toward common goals and objectives will be examined. DNP students only.

NU-706  Leadership Immersion I
Term Offered: All Terms
Course Type(s): OL
The practice immersion experience facilitates advanced nursing practice by allowing the student to demonstrate and integrate their knowledge of upper level management processes in a health care organization by considering advanced communication skills and other behaviors that provide the knowledge and skills needed for exemplary leadership, with an emphasis on relationship development, effective meeting management, team building, and resolution of complex situations. This is a pass/fail course.

NU-715  Organizational Leadership in Healthcare
Term Offered: All Terms
Course Type(s): OL
Examines organizational systems and processes that emphasize the demand for clinical practice leadership, improvement of health outcomes and ensured patient safety. Students are provided the tools to develop expertise in assessing the vision, mission and organizational strategic plans. Emphasis is placed on executive decision making, leading change efforts, and instituting innovative methodologies for system improvement. Organizational behaviors directed towards quality improvement, negotiation, conflict resolution, performance evaluation and ethical conduct in a business environment. Enhances the student’s ability to use power and influence to achieve goals, build teams and alliances, establish strong communication channels, and empower others. Students must earn a grade of "B" or higher in this course or it will have to be repeated.
NU-716 Health Care Policy for Advocacy in Health Care Credits: 3
Term Offered: All Terms
Course Type(s): OL
Examines healthcare economics, political and public health issues, and their relation to development and implementation of health policies at regional, national and international levels. Health policy influences multiple care delivery issues, including health disparities, underserved populations, cultural sensitivity, ethics, law, health care financing, and issues of equity and social justice in the delivery of healthcare. The DNP role will be discussed in the creation of such policies. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-718 Health Care Economics and Financial Management Credits: 3
Term Offered: All Terms
Course Type(s): OL
Provides an in-depth exploration of economics and finance, budget, reimbursement mechanisms and innovative business models for health care organizations and practice settings. Students will have an opportunity to develop and review business plans and to evaluate cost-benefit analyses as they relate to the DNP role. The practical application of management of financial resources, tools for decision making and communication strategies will be integrated. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-720 Research Methods in Healthcare Leadership Credits: 3
Term Offered: All Terms
Course Type(s): OL
Focus is on the critical analysis of the research process. There is an emphasis on the data collection and data analysis steps of research. Skills are developed in the use of the SPSS statistical program and the interpretation of descriptive and inferential statistics for outcome evaluation in healthcare. Interpretation and evaluation of statistical analysis in published research are emphasized. Skills are refined in the dissemination of research to healthcare professionals. DNP students only.

NU-730 Doctor Nursing Practice Project I Credits: 3
Prerequisite(s): NU-701, NU-702, NU-703, NU-715, NU-716, and NU-720 all passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): OL
The DNP project culminates in a practice immersion experience that affords the student the opportunity to integrate and synthesize information from a variety of areas and previous course work to exhibit mastery of an advanced specialty within nursing practice. Students will demonstrate synthesis of the DNP education and advanced nursing practice specialty which focuses on change that impacts healthcare outcomes either through direct or indirect care. Students will share their journey toward developing the DNP project through class discussion using a variety of communication modalities. In consultation with the DNP Project Advisor, students will select an area of specialty practice and propose a project. The end result will be a proposed project based on the principles of evidence-based practice that incorporates planning, implementation, evaluation and dissemination concepts. This will provide a foundation for continued scholarship while making significant contributions in the student's area of interest. Students must earn a grade of B or higher in this course or it will have to be repeated.

NU-731 Leadership Immersion II Credits: 3
Prerequisite(s): NU-701, NU-702, NU-703, NU-705, NU-715, NU-716 all passed with a grade of B or higher, and NU-706 passed with a grade of P
Term Offered: All Terms
Course Type(s): OL
Immersion into the leadership role provides the student an opportunity to expand their leadership skillset and apply, integrate, and synthesize the DNP Essentials through a collaborative partnership between the university and approved practice partners. The student will develop specific learning objectives related to the DNP Essentials, application of theory, and role requirements jointly with the assigned professor to develop their nursing specialty expertise. This course is individualized to each student's specific area of practice interest. This experience should provide opportunities to work with experts including interdisciplinary to build and assimilate knowledge for advanced nursing practice at the highest level of complexity. DNP Essentials guideline state that graduates should have 1000 hours of combines clinical and experience through the MSN and DNP studies. It is expected that all students in the DNP program complete 500 hours in addition to the 500 hours previously completed in their master's level program or if additional hours are required to meet their advisor to construct a plan. This is a pass/fail course.

NU-732 Doctor Nursing Practice Project II Credits: 3
Prerequisite(s): NU-730 passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): OL
DNP Project II builds on the content and processes developed in the DNP Project I towards implementation. Students will share their journey of implementation and evaluation of the DNP project through class discussion using a variety of communication modalities. In consultation with the DNP Project Advisor students will implement and evaluate the project. This course is a continuation of DNP Project I. Students will continue to integrate and apply information from a variety of areas to demonstrate expertise in an advanced specialty within nursing practice. Students will continue to demonstrate synthesis of the DNP education and advanced nursing practice specialty which focuses on change that impacts healthcare outcomes either through direct or indirect care. The end result will be an executed project based on the principles of evidence-based practice that incorporates planning, implementation, evaluation and dissemination concepts. Students must earn a grade of B or higher in this course or it will have to be repeated.

NU-733 Leadership Immersion III Credits: 3
Prerequisite(s): NU-731 passed with a grade of P
Term Offered: All Terms
Course Type(s): OL
Continuation of the practice immersion experience provides the student with additional opportunities to apply, integrate, and synthesize the DNP Essentials. The student will again develop specific learning objectives related to the DNP Essentials, application of theory, and role requirements jointly with the assigned professor to develop their nursing specialty expertise. This course is individualized to each student's specific area of practice interest. This experience should provide opportunities to work with experts including interdisciplinary to build and assimilate knowledge for advanced nursing practice at the highest level of complexity. DNP Essentials guideline state that graduates should have 1000 hours of combined clinical and experience through the MSN and DNP studies. It is expected that all students in the DNP program complete 500 hours in addition to the 500 hours previously completed in their master's level program or if additional hours are required to meet with their advisor to construct a plan. This is a pass/fail course.
NU-762  Tests and Measures  Credits: 3
Term Offered: Spring Term
Course Type(s): OL
Considers evaluation methods related to norm-referenced and criterion-referenced evaluation methods in education. Students will investigate criteria used to develop reliable and valid evaluation measures. Current issues and research related to educational testing instruments, alternatives to standardized evaluation methods, and outcome measurement in education will be discussed. Students will explore measurement theory and evaluate measures that are used to identify cognitive, affective, and psychomotor domains as they relate to education. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. Also listed as NU-562. Students who have taken NU-762 are not eligible to take NU-562.

NU-764  Curriculum Development and Instruction in Nursing  Credits: 3
Term Offered: Fall Term
Course Type(s): OL
The primary focus of this course is the process of curriculum development in nursing. Factors influencing curriculum development, the process of curriculum development and evaluation methods are emphasized. Instruction and evaluation in didactic nursing courses and clinical experiences are addressed. Individuals completing this course will be prepared for the role of nurse educator in academic settings. Students who have taken NU-764 are not eligible to take NU-564.

NU-766P  Nurse Educator Practicum I  Credits: 2
Co-requisite(s): NU-766S
Term Offered: Fall Term
Course Type(s): OL
Course provides an opportunity for the student to engage in planned clinical practice experiences, incorporating the concentration (Pathophysiology, Pharmacology, and Advance Health Assessment) in a direct-care role in a clinical setting to strengthen their patient care delivery skills. The student will also function in the role of the novice academic nurse educator, applying teaching and learning principles in both the academic and clinical settings. Each practice experience is guided by a preceptor. Total practicum hours for this course is a minimum of 90 hours. This is a pass/fail course. Students who have taken NU-766P are not eligible to take NU-566P.

NU-767S  Nurse Educator Seminar I  Credits: 1
Co-requisite(s): NU-767P
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.

NU-767P  Nurse Educator Practicum II  Credits: 2
Co-requisite(s): NU-767S
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.

NU-767S  Nurse Educator Seminar II  Credits: 1
Co-requisite(s): NU-767P
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.

NU-767P  Nurse Educator Practicum II  Credits: 2
Co-requisite(s): NU-767S
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.

NU-767S  Nurse Educator Seminar II  Credits: 1
Co-requisite(s): NU-767P
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.

NU-767P  Nurse Educator Practicum II  Credits: 2
Co-requisite(s): NU-767S
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.

NU-767S  Nurse Educator Seminar II  Credits: 1
Co-requisite(s): NU-767P
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.

NU-767P  Nurse Educator Practicum II  Credits: 2
Co-requisite(s): NU-767S
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.

NU-767S  Nurse Educator Seminar II  Credits: 1
Co-requisite(s): NU-767P
Term Offered: Spring Term
Course Type(s): None
Provides additional opportunities for the student to function in the role of the novice academic nurse educator in diverse settings. Students continue to apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor during an additional 90 hours of practice experiences. Through continued reflection and sharing, students refine their practice and explore the eight core competencies outlined by the National League for Nursing. This is a pass/fail course. Ninety practicum hours required. Also listed as NU-567P. Students who have taken NU-767P are not eligible to take NU-567P.
PHA-603  Introduction to Patient Assessment  Credits: 5  
Term Offered: Fall Term  
Course Type(s): None  
Students will be introduced to basic history taking and physical examination techniques, psychosocial development and behavior, and the effective relationship between the physician assistant, other health professionals, and the patient. Techniques of physical examination and use of examining equipment are introduced. Students are assigned to preceptors for the purpose of taking complete histories and performing a complete physical examination on patients.

PHA-604  Behavioral Medicine  Credits: 2  
Term Offered: Fall Term  
Course Type(s): None  
Provides an overview of psychiatric concepts and an introductory approach to the evaluation of patients with behavioral issues. Includes a discussion of various psychiatric syndromes, with a review of causal factors and clinical presentation. Provides an overview of normal human behavior development over the life span. The impact that psychological problems have on the total health care of the patient will be emphasized.

PHA-606  Physical Diagnosis  Credits: 4  
Term Offered: Spring Term  
Course Type(s): None  
Continuation on the focus of Introduction to Patient Assessment on developing physical examination skills and the process of clinical data collection. Introduces the process of clinical reasoning and decision making. Attention will be provided to the recognition and appropriate description of common abnormal physical findings. Emphasis will be placed on the analysis and interpretation of clinical data that occurs during the process of formulating a differential diagnosis.

PHA-607  Diagnostic and Clinical Procedures  Credits: 5  
Term Offered: Spring Term  
Course Type(s): None  
Instruction in interpretation of and indications for clinical laboratory tests, electrocardiography, and diagnostic radiography. Identification and understanding of normal and abnormal results, and correlation with medical cases will be emphasized. The final exam emphasizes critical thinking with case-based analysis.

PHA-608  Pharmacology for Physician Assistants  Credits: 2  
Co-requisite(s): PHA-609  
Term Offered: Spring Term  
Course Type(s): None  
Covers the most common classes of medications and their use in a variety of medical conditions. The primary focus of this course is the mechanism of actions of these drug classes and a description of different types of drug-receptor interactions. This basic pharmacology course allows the physician assistant student to better understand the clinical use of drugs covered in Clinical Therapeutics (PHA-609).

PHA-609  Clinical Therapeutics  Credits: 2  
Co-requisite(s): PHA-608  
Term Offered: Spring Term  
Course Type(s): None  
Designed to demonstrate the practical application of pharmaceutical science as utilized for the formulation of drug therapy decisions.

PHA-610  Pathophysiology  Credits: 3  
Term Offered: Spring Term  
Course Type(s): None  
Focuses on the fundamentals of the pathologic changes that occur in different organs of the body. Gross and microscopic specimens are used to provide a clear understanding of the disease processes that affect the human body. Conducted as a lecture series that is supplemented by readings, lecture notes that will be emailed to the student, and a review of pathologic slides and specimens when appropriate. Provides an understanding of the pathologic process that leads to clinical signs and symptoms of diseases.

PHA-612  Introduction to the Physician Assistant Profession  Credits: 1  
Term Offered: Fall Term  
Course Type(s): None  
Introduces the student to the physician assistant profession and professional practice issues. Includes the history of the Physician Assistant profession, significance of the PA-physician team, professional organizations, professionalism, and professional development.

PHA-615  Topics in Medicine and Surgery III  Credits: 6  
Prerequisite(s): PHA-637 and PHA-638  
Course Type(s): None  
Topics in Medicine and Surgery III is the third in a series of three courses instructing students in clinical medicine presented in an organ systems format. The course builds upon the knowledge acquired in Topics in Medicine & Surgery II. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.

PHA-616  Physiology & Pathophysiology I  Credits: 3  
Term Offered: Fall Term  
Course Type(s): None  
This is the first of two courses providing students with in-depth study of medical physiology & pathophysiology. Physiology and Pathophysiology I is designed to offer foundational training in the principles of medical physiology and pathophysiology, in addition to more specific training pertaining to the organ systems covered in the course that, when possible, are aligned with the topics delivered in concomitant Topics in Clinical Medicine coursework. Together, the two courses provide a foundation in human physiology coupled with the in-depth study of pathophysiologic processes that lead to clinical signs and symptoms of illness and diseases.
This is the second of two courses providing students with in-depth study of medical physiology & pathophysiology. Physiology and Pathophysiology II builds on knowledge acquired in Physiology & Pathophysiology I to offer further training in the medical physiology, in addition to more specific training pertaining to the organ systems covered in the course that, when possible, are aligned with the topics delivered in concomitant Topics in Clinical Medicine coursework. Together, the two courses provide a foundation in human physiology coupled with the in-depth study of pathophysiological processes that lead to clinical signs and symptoms of illness and diseases.

The Pharmacology & Pharmacotherapy I course is the first of two courses providing students with in-depth study in the science and applications of pharmacology. This course covers an introduction to the principles of pharmacology, pharmacogenetics, and pharmacotherapy in addition to the indications, contraindications, interactions, and adverse effects of specific drug classes and the drugs within each class.

The Pharmacology & Pharmacotherapy II course is the second of two courses providing students with in-depth study in the science and applications of pharmacology. This course builds upon the knowledge gained in the first semester course and provides an in-depth study of the indications, contraindications, interactions, and adverse effects of specific drug classes and the drugs within each class.

PA Professional Practice is designed as a comprehensive introductory course to the PA profession and professional practice issues. Topics include the history of the PA profession, professionalism, team-based interprofessional care, patient-centered care practices, the medical coding, billing and documentation, healthcare systems and policies, concepts of public health, patient safety, quality improvement and risk management.

Instructs students in the various disease entities in preparation for clinical internships. Students will develop their knowledge base in the etiology, clinical presentation, differential diagnoses, and therapeutic approach to disease processes. This course is composed of a series of lectures provided by primary care practitioners and specialists. Topics covered include a full-range of adult and pediatric health problems. An introduction to the fields of Obstetrics/Gynecology, Ophthalmology, and Surgery is included. Attention is focused on data collection, problem solving, clinical decision making, and the importance of incorporating patient education and preventive counseling in the clinical encounter.

Using literature searches, critical analysis, and newly acquired medical information students study various clinical patient scenarios and apply basic medical knowledge in an effort to evaluate and recommend appropriate treatment. Students will employ all the tools acquired in previous courses to analyze these scenarios to develop realistic diagnoses, problem lists, and plans incorporating the proper ancillary clinical and diagnostic methods appropriate for supporting the diagnosis. The student will also be required to recommend therapeutic measures as deemed necessary. This is the first student effort to organize all of the knowledge gained to date and to exercise this knowledge in true patient management.

Clinical Skills I builds upon the previous semester’s Introduction to Patient Assessment course to further advance interpersonal and communication skills resulting in the effective exchange of information and collaboration with patients, their families, and other health professions, development of clinical reasoning and problem-solving abilities, patient evaluation, work-up, diagnosis, intervention, and management. The course will be modularized to accompany the topics covered in the Topics in Medicine & Surgery II courses occurring in the same semester.

Provides an overview of psychiatric concepts and an introductory approach to the evaluation of patients with behavioral issues. Includes a discussion of various psychiatric syndromes, with a review of causal factors and clinical presentation. Provides an overview of normal human behavior development over the life span. The impact that psychological problems have on the total health care of the patient will be emphasized.

Research Methods I is the first of 2 courses specifically designed as the PA student’s graduate-level research training with emphasis on practice-based learning and improvement (PBLI). The course includes specific training in principles of practice-based learning & improvement, basic biomedical statistics, research methods & design, and the analysis and application of medical research geared towards improving patient outcomes in clinical practice. As the first of two courses, this course will serve as a foundational course enabling the PA student to develop a practice-based improvement project that will be finalized in Research Methods II delivered during the clinical phase of training.
PHA-628 Clinical Skills II  
Prerequisite(s): PHA-623  
Term Offered: Spring Term  
Course Type(s): None  
Clinical Skills II builds upon the previous semester's Clinical Skills I course to further advance interpersonal and communication skills resulting in the effective exchange of information and collaboration with patients, their families, and other health professions, development of clinical reasoning and problem-solving abilities, patient evaluation, work-up, diagnosis, intervention, and management. The course will be modularized to accompany the topics covered in the Topics in Medicine & Surgery III courses occurring in the same semester. Prerequisite: PHA-623.

PHA-629 Pathology  
Prerequisite(s): PHA-601 and PHA-602  
Term Offered: Spring Term  
Course Type(s): None  
The course provides a comprehensive overview of human pathology with emphasis on molecular and gross mechanisms of disease. The course provides an introduction to the organization, structure and function of normal cells and tissues; the pathophysiology principles of cellular injury, inflammation, circulatory disorders and atherosclerosis, immune injury, infection, degenerative disease, genetic disorders, neoplastic and environmental injury; and pathology of major organ systems.

PHA-632 Biomedical Ethics  
Term Offered: Fall Term  
Course Type(s): None  
The application of human and professional values, judgments, and choices to selective ethical dilemmas that arise in clinical practice. Traditional and contemporary approaches to resolving professional dilemmas will be discussed as well as ethics related to the delivery of healthcare.

PHA-635 Research Methods II  
Prerequisite(s): PHA-625  
Term Offered: Spring Term  
Course Type(s): None  
Many of the tasks of this course are related to the completion of the research study which was begun in Research Methods I (PHA-625). Much of the work of this single-credit course is accomplished through small group activities outside of formal class sessions. Class sessions for the course are infrequent. These will be lecture-discussion sessions in which we will meet to discuss topics designed to facilitate the completion of the research study and to enhance knowledge of medical research in general. Reading assignments should be completed prior to these meetings so that class discussions can be meaningful. Lecture notes, assignments and announcements will be posted on the e-Campus course site. Students should check both class and Web-based discussions.

PHA-636 Healthcare Policy  
Term Offered: Spring Term  
Course Type(s): None  
The overall goal of this course is to provide the student with information regarding the various topics related to the U.S. healthcare delivery system. The student will also be made aware of the impact that healthcare policy and managed care has on the total health of a patient. The course is given during the final semester of the third professional year so the student can incorporate clinical skills with an analytical perspective on those issues that drive the current health care system. Classes will be conducted as a series of group discussions supported by the required textbook readings, e-Campus posted articles, and small group-led discussions on those articles with analysis focused on how each affects cost, quality, and access to medical care. Attention will be given to the current events surrounding the issue of healthcare reform. Additionally, the course will be augmented by occasional guest lecturers.

PHA-637 Topics in Medicine and Surgery I  
Term Offered: Fall Term  
Course Type(s): None  
Topics in Medicine and Surgery I is one of three courses instructing students in clinical medicine presented in an organ systems format. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.

PHA-638 Topics in Medicine and Surgery II  
Prerequisite(s): PHA-637 and successful completion of all previous coursework  
Term Offered: Spring Term  
Course Type(s): None  
Topics in Medicine and Surgery II is the second of three courses instructing students in clinical medicine presented in an organ systems format. The course builds upon the knowledge acquired in Topics in Medicine & Surgery I. Students will develop their knowledge base in the genetics, epidemiology, clinical presentation, work-up, non-surgical and surgical treatment and management of the covered conditions/diseases. The courses provide students instruction in health promotion and disease prevention, generating differential diagnoses, ordering and interpreting diagnostic studies, patient management including acute and chronic care plans, patient education, and specialty referral specific for the conditions/diseases covered in each course. Combined, the Topics in Medicine and Surgery courses instruct students on the provision of medical care across the life span including prenatal, infant, children, adolescents, adults, and elderly patients. The courses emphasize the development of clinical reasoning and problem-solving abilities needed for the practice of clinical medicine. Additionally, the courses are designed to prepare students to work collaboratively in interprofessional patient centered teams.
Supervised Clinical Practice Experiences I

Course Type(s): None

The Supervised Clinical Practice Experiences (SCPEs) courses include various clinical clerkships providing the student with the direct patient care exposures across required core and elective clinical experiences. In all experiences the student will participate in patient-care experiences under the supervision of a licensed clinician. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and surgical environments.

Supervised Clinical Practice Experiences II

Course Type(s): None

Supervised Clinical Practice Experiences II (SCPEs II) I is the second of four courses that include various clinical clerkships arranged as modules to provide the student with direct patient care exposures across required core and elective clinical experiences over the span of four semesters. In all experiences the student will participate in the provision of medical care for patients across the lifespan under the supervision of a licensed clinician, primarily a board-certified and licensed physician or a nationally certified and licensed PA. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. At the conclusion of the four SCPEs courses, students will have had in-depth training and patient-care experiences in core areas, including Behavioral Medicine/Psychiatry, Emergency Medicine, Family Medicine, General Surgery, Internal Medicine, Pediatric Medicine, and Women’s Health Care, including prenatal and gynecologic care. Additionally, students have selective clerkships that can be in one of the core areas or a specialty practice area.

Supervised Clinical Practice Experiences III

Course Type(s): None

Supervised Clinical Practice Experiences II (SCPEs II) I is the third of four courses that include various clinical clerkships arranged as modules to provide the student with direct patient care exposures across required core and elective clinical experiences over the span of four semesters. In all experiences the student will participate in the provision of medical care for patients across the lifespan under the supervision of a licensed clinician, primarily a board-certified and licensed physician or a nationally certified and licensed PA. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. At the conclusion of the four SCPEs courses, students will have had in-depth training and patient-care experiences in core areas, including Behavioral Medicine/Psychiatry, Emergency Medicine, Family Medicine, General Surgery, Internal Medicine, Pediatric Medicine, and Women’s Health Care, including prenatal and gynecologic care. Additionally, students have selective clerkships that can be in one of the core areas or a specialty practice area.

Supervised Clinical Practice Experiences IV

Course Type(s): None

Supervised Clinical Practice Experiences II (SCPEs II) I is the last of four courses that include various clinical clerkships arranged as modules to provide the student with direct patient care exposures across required core and elective clinical experiences over the span of four semesters. In all experiences the student will participate in the provision of medical care for patients across the lifespan under the supervision of a licensed clinician, primarily a board-certified and licensed physician or a nationally certified and licensed PA. It is in these clerkships that students apply the knowledge and skills gained in the didactic phase of the program to actual patient encounters. Combined, the four SCPE courses provide the opportunity for students to train in hospitals, emergency rooms, long-term care facilities, outpatient practices, and operative environments. At the conclusion of the four SCPEs courses, students will have had in-depth training and patient-care experiences in core areas, including Behavioral Medicine/Psychiatry, Emergency Medicine, Family Medicine, General Surgery, Internal Medicine, Pediatric Medicine, and Women’s Health Care, including prenatal and gynecologic care. Additionally, students have selective clerkships that can be in one of the core areas or a specialty practice area.
Students in this course will obtain a firm understanding of the theoretical constructs of Ecosychology, demonstrate a model of EcoWellness, and understand ways of expanding the emotional connection between clients and the natural world within the counseling context, thereby assisting individuals with developing sustainable lifestyles and remedying alienation from nature. Ecotherapy includes a wide range of techniques interwoven with the natural world. Ecotherapists seek to develop and understand ways of expanding the emotional connection between clients and the natural world within the counseling context, thereby assisting individuals with developing sustainable lifestyles and remedying alienation from nature. Ecotherapy includes a wide range of techniques such as wilderness therapy, forest bathing, equine therapy, animal-assisted therapy, horticultural therapy, biophilic design and green therapy. Students in this course will obtain a firm understanding of the theoretical constructs of Ecosychology, demonstrate a model of EcoWellness, and obtain applicable skills in Ecotherapy.

### Political Science (PS)

#### PS-598  Special Topics/Special Projects
- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- Offered occasionally to match the interest of the students’ and the professor teaching the course. The instruction will follow classroom lectures and discussions on the topic. The exact nature of the topic covered in any given semester is indicated on the student’s transcript. Permission of the program director is required to take this course.

### Professional Counseling (PC)

#### PC-CPE  Professional Counseling Comprehensive Examination
- **Credits:** None
- **Prerequisite(s):** Forty-eight credits in Professional Counseling including PC-505, PC-506, PC-512, PC-515, PC-523, PC-525, PC-529, PC-550, PC-570, PC-595, and PC-603
- **Co-requisite(s):** PC-680
- **Term Offered:** All Terms
- **Course Type(s):** None
- This is the Counselor Preparation Comprehensive Examination required to graduate from the Professional Counseling Program. Must be taken during the final term of study in the MS in Clinical Mental Health Counseling Program. Limited to Professional Counseling majors. This is a pass/fail course.

#### PC-502  Ecotherapy: Counseling and the Natural World
- **Credits:** 3
- **Term Offered:** Fall Term
- **Course Type(s):** None
- Ecotherapy is defined as contact with nature as a method or element of counseling and addresses the critical fact that as humans we are interwoven with the natural world. Ecotherapists seek to develop and understand ways of expanding the emotional connection between clients and the natural world within the counseling context, thereby assisting individuals with developing sustainable lifestyles and remedying alienation from nature. Ecotherapy includes a wide range of techniques such as wilderness therapy, forest bathing, equine therapy, animal-assisted therapy, horticultural therapy, biophilic design and green therapy. Students in this course will obtain a firm understanding of the theoretical constructs of Ecosychology, demonstrate a model of EcoWellness, and obtain applicable skills in Ecotherapy.

#### PC-505  Mental Health Counseling
- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- An overview of the profession of counseling, its ethical standards, literature, professional organizations, and the knowledge, skills and abilities required for success in the field. Assists students in formulating a concept of the profession that will allow them to enhance their growth and professional identity as a counselor. In addition, the opportunity for students to become aware of counseling career opportunities in the region is provided. Must be taken during the first term of study in the MS in Mental Health Counseling and the MA in Professional Counseling. Limited to Professional Counseling majors.

#### PC-506  Testing and Assessment in Counseling
- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- An overview of test administration and validity. Students will be introduced to tests of intelligence, personality and interests. Limited to Professional Counseling majors.

#### PC-510  Community Mental Health
- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- An overview of mental health counseling within community and health/human services settings. Reviews prevention, intervention, and needs assessment, as well as program implementation and evaluation, in a comprehensive way. Client advocacy, governmental policies, obtaining funding, and other aspects of the delivery of human services are explored, with particular focus on the management and ethical standards of all administrative and clinical counseling services related to mental health programs. Limited to Professional Counseling majors.

#### PC-512  Psychopathology
- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- Offers an intensive investigation of current thinking regarding the etiology and development of aberrant behavior; theory in the light of experimental findings and clinical applications. Limited to Professional Counseling majors.

#### PC-515  Human Development through the Life Span
- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- Provides students with an overview of human development, with comprehensive coverage of all major developmental stages (prenatal period and infancy, childhood, adolescence, early adulthood, middle adulthood, and late adulthood) and focuses on both normal and abnormal physical, mental health and social development. Emphasis on the interaction of biological, psychological and sociological forces that influence development. Limited to Professional Counseling majors.

#### PC-516  Counseling and Sexuality
- **Credits:** 3
- **Term Offered:** Spring Term
- **Course Type(s):** None
- Introduction to human sexuality and related issues that counselors may encounter in their work. Students will learn about normal and abnormal sexual functioning. Aims to desensitize students and provide introspection about diverse expression of sexuality; not designed to train students as sex therapists.
PC-517 Counseling and Religion Credits: 3
Term Offered: All Terms
Course Type(s): None
Counseling and Religion will explore the world religions with a focus on the religions as they function in the U.S. in a multi-cultural context. This will give the student a basic understanding and respect for religious differences when counseling clients who have different religious values than the counselor. A historical perspective on the relationship between psychology and religion will be traced to contemporary practice. The student will be given the opportunity to develop a theory of how he or she would like to integrate his or her knowledge into his or her work as a counselor. Limited to Professional Counseling majors.

PC-521 Spirituality and Counseling Credits: 3
Course Type(s): None
Students are given a basic understanding of philosophical and practical ways to integrate existential, mystical, or other inexplicable issues into the counseling process. The student will look at different spiritual practices with a respectful, multicultural lens. Spiritual practices will be viewed as possible psychological techniques, pathology and/or cognitive distortions. The student will be given the opportunity to develop a personal spiritual theory of how he or she would like to integrate or not integrate, spirituality into his or her work as a counselor. Limited to Professional Counseling majors.

PC-522 Self-Exploration: Body, Mind, Spirit Credits: 3
Course Type(s): None
This experiential course will take the student through a self-exploration that will allow the student to explore the motivation, unconscious drives, anxieties, and spiritual and existential meaning that led him or her to be a counselor. It will explore many aspects of the personality, such as need for power/control and compassion, which will allow the student to become more fully aware. Limited to Professional Counseling majors.

PC-523 Introduction to Counseling Skills Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed for students to learn and practice interviewing and counseling skills, the intake interview process, suicide assessment, and how to conduct a mental status examination. Self-exploration and counselor self-development will also be addressed. Students who receive a grade below "B" must repeat the course.

PC-524 Counseling Children and Adolescents: Theories and Techniques Credits: 3
Course Type(s): None
An exploration of psychotherapeutic counseling theories and techniques used with children and adolescents within the developmental psychopathological framework. Focus on applications in counseling agencies as well as residential and educational settings. Limited to Professional Counseling majors.

PC-525 Theories of Counseling Credits: 3
Term Offered: All Terms
Course Type(s): None
Upon completion of this course, students shall be able to demonstrate an understanding of core theoretical knowledge in counseling theories that provide the student with consistent models to conceptualize client presentations. Student experiences shall include an examination of the historical development of counseling theories. The course shall include an exploration of affective, behavioral, and cognitive theories. Students will also be exposed to models of counseling that are consistent with current professional research and practice in the field so that they can begin to develop a personal model of counseling. Limited to Professional Counseling majors.

PC-526 Case Conceptualization Credits: 3
Prerequisite(s): PC-505, PC-512, PC-523, and PC-525
Term Offered: All Terms
Course Type(s): None
Allows students to put into practice all aspects of case conceptualization. Students will enter this class with the basic understanding of counseling theories, assessment, and psychopathology. Techniques and approaches for chosen theories, basic skills, and differential diagnosis will be reviewed and practiced. Students will develop an approach or style, based on known theory and technique. They will be able to identify how and why an intervention is chosen according to theory and knowledge in the field. Limited to Professional Counseling majors.

PC-528 Family Counseling: Theory and Technique Credits: 3
Prerequisite(s): PC-525
Course Type(s): None
Enables students to examine the historical development, theoretical foundations, and contemporary conceptual directions in the field of family counseling. Clinical concerns are interwoven with theoretical literature and counseling techniques. Limited to Professional Counseling majors.

PC-529 Multicultural Counseling Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines counseling theories and techniques as they relate to diversity in the client population. Limited to Professional Counseling majors.

PC-530 Crisis Intervention Credits: 3
Term Offered: All Terms
Course Type(s): None
A review of crisis intervention theory and techniques, with a focus on the role of the counselor as part of the crisis intervention team. Students learn and practice counseling intervention skills for clients in crisis. Limited to Professional Counseling majors.

PC-532 Counseling for Grief and Loss Credits: 3
Prerequisite(s): PC-525
Course Type(s): None
Reviews the relevant knowledge and skill base needed to counsel individuals and families coping with a range of loss experiences including death, dying and bereavement. The grief process and factors relevant to work with grieving children, adolescents and adults are covered, and the assessment of complicated grief reactions and counselor's roles and tasks in facilitating the grief process are considered.

PC-533 Couples Counseling Credits: 3
Prerequisite(s): PC-525
Term Offered: All Terms
Course Type(s): None
Students are provided with an overview of the historical development, theoretical framework, and conceptual directions in the field of marriage and couples counseling. Also provides students with methods of marital/couples assessment and counseling techniques related to various clinical issues that are often encountered in counseling settings. Limited to Professional Counseling majors.
PC-534  Wellness and Counseling  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Exploration of the human condition from a strength-based wellness perspective, to further enhance counselor identity. Through self-exploration, hands-on experiences, and interactive discussions, students explore human motivation, unconscious drives, anxieties, aspects of personality, and spiritual and existential meaning within a wellness context. Allows students to become more aware of their own drives toward health and wellness and translate that understanding to the therapeutic relationship and counseling. Limited to Professional Counseling majors.

PC-535  Courageous Connections  Credits: 3
Course Type(s): None
An elective course designed to facilitate self-discovery, authenticity, and courageous dialogue in the classroom. Throughout the course, students will learn about research conducted by Dr. Brené Brown and consider its application to various client populations. Students are expected to continue to examine their own values and remain open to giving and receiving feedback to peers. Assignments will include a group facilitation experience, reflective journaling activities, and a research paper in which students will apply the concepts of Dr. Brown's research to a population of professional interest.

PC-540  Introduction to Alcohol and Drug Abuse  Credits: 3
Term Offered: All Terms
Course Type(s): None

PC-542  Treatment of Alcohol and Drug Abuse  Credits: 3
Prerequisite(s): PC-540
Term Offered: All Terms
Course Type(s): None
An examination of various treatment models within the alcohol and drug treatment field. The basics of individual, group, family, and couples counseling with alcoholic and addicted patients. Provides specific counseling techniques. This course can be used toward the Substance Awareness Coordinator Certificate.

PC-544  Advanced Alcohol and Drug Counseling  Credits: 3
Prerequisite(s): PC-540 and PC-542
Term Offered: All Terms
Course Type(s): None
Covers advanced topics that are introduced in PC-542 and is therefore dedicated to addiction counselor skill building. Advanced topics include skill building in areas of counselor ethics, motivational interviewing and motivational enhancement skills, group counseling skills, community and professional skills, counseling skills needed to work effectively with individuals impacted by HIV/AIDS, and counseling skills needed to work with those impacted by gambling addictions and clinical supervision skills. Limited to Professional Counseling majors.

PC-545  Biological Foundations and Treatments of Psychological and Addictive Disorders  Credits: 3
Prerequisite(s): PC-512
Term Offered: All Terms
Course Type(s): None

PC-546  Substance Awareness in the Schools  Credits: 3
Prerequisite(s): PC-540
Term Offered: All Terms
Course Type(s): None
A comprehensive study of the role of the Substance Awareness Coordinator in the schools K-12. The areas that will be included for study will be a review of research-based awareness and prevention programs as related to Alcohol, Tobacco, and Other Drug (ATOD) as seen in the school systems. School law, regulations, and policies, as it relates to substance abuse in the schools, as well as how well/consistent it is followed based on the school culture and the dynamics in a particular district. Prevention and advocacy will be emphasized as a large part of the SAC position, as well as learning to work within the school culture. Curriculum planning and staff education and development in chemical health will be an essential part of the course. Negotiating the systems to maximize potential of the SAC position will be the main focus. Limited to Professional Counseling majors.

PC-550  Group Counseling  Credits: 3
Prerequisite(s): PC-505 and PC-523
Term Offered: All Terms
Course Type(s): None
Didactic and experiential course that introduces students to group dynamics and theories/techniques of group counseling. Didactic component reviews, group counseling theories/techniques, stages in group development, and salient characteristics of effective group facilitators. Experiential component facilitates understanding of one's own personality, biases and impact upon others in professional interactions. Legal and ethical issues relevant to group counseling are also examined. Limited to Professional Counseling majors.

PC-570  Career Counseling  Credits: 3
Term Offered: All Terms
Course Type(s): None
The psychology of careers and career counseling is a cornerstone of the counseling profession and forms the historical basis of the profession's emphasis on normal development, decision-making, and assessment. Career theories, life-span development, and assessment instruments used in career counseling are reviewed. Recognizing the particular career issues of minorities and women, attention will be afforded to such trans-cultural issues. Limited to Professional Counseling majors.

PC-580  Animal Assisted Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
An overview of Animal-Assisted Therapy (AAT), and its relevance as an alternative treatment modality for common psychological disorders. Information regarding the history and evolution of animal-assisted therapy in counseling, common therapeutic animals and techniques, ethical concerns when working with animals in therapy, and working with therapy animals with special populations.
PC-595  Professional Counseling Practicum          Credits: 3
Prerequisite(s): Successful completion with a grade of C+ or higher in Professional Counseling 505, 512, 525, 540, 550, and a B in 523. or higher
Term Offered: All Terms
Course Type(s): None
Students integrate theory and practice in the counseling profession through an off-campus practicum. In addition to the requirement of 100 hours of supervised field service in an approved counseling agency, students also attend class each week which consists of group supervision. During class the students also review relevant professional, ethical and legal issues in counseling (for example assessment procedures, treatment planning, best empirically proven interventions, confidentiality, etc.) Limited to Professional Counseling majors who have completed at least twenty-seven graduate credits. Registration is by special application, requiring the signature of the advisor and the Field Placement Coordinator.

PC-598  Special Topics in Professional Counseling       Credits: 3
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Limited to Professional Counseling majors only. If a prerequisite is required it will be announced in the course schedule.

PC-599  Independent Study in Professional Counseling       Credits: 1-3
Course Type(s): None
Reading and research leading to significant written work under the direction of a faculty member. Limited to Professional Counseling majors only. Prior permission of the directing professor and department chair is required to take this course.

PC-603  Research Methods in Counseling                 Credits: 3
Term Offered: All Terms
Course Type(s): None
Reviewing the literature, problem hypothesis research, naturalistic observation, survey and interview procedures, and experimental methods are discussed. Limited to Professional Counseling majors.

PC-670  Clinical Supervision                             Credits: 3
Prerequisite(s): PC-680
Term Offered: All Terms
Course Type(s): None
This course will provide students with theoretical and practical knowledge of clinical supervision models and methods. This course will explore supervisory roles, evaluation methods, research, legal and ethical issues and sociocultural issues in supervision. A portion of the course will involve providing supervision to practicum students. Supervision sessions will involve direct observation and/or recording and feedback on development of supervision competencies. The content areas required for the Approved Clinical Supervisor (ACS) credential are included in this course.

PC-672  Advanced Theory in Play Therapy                Credits: 3
Term Offered: All Terms
Course Type(s): OL
Provides an in-depth understanding of the history and theories of play therapy. Emphasis is placed on the understanding of the roles of therapists and parents through the play process. Diversity and multicultural considerations for theoretical perspectives are highlighted.

PC-673  Advanced Techniques in Play Therapy            Credits: 3
Term Offered: All Terms
Course Type(s): HY
Provides students with the opportunity to develop techniques and methods of play therapy. Emphasis is placed on working with children, adolescents, and adults through individual, group, and family play therapy. Major topics include group play therapy, family play therapy, short-term play therapy, and sand tray/sand play therapy. Additionally, diversity and multicultural considerations are highlighted.

PC-674  Play Therapy for Children at Risk               Credits: 3
Term Offered: All Terms
Course Type(s): OL
Focus is on play therapy with vulnerable and high-risk children. Emphasis on working with children, adolescents, and adults using play therapy in trauma and crisis situations are highlighted. Special attention is given to social issues that can lead to or exacerbate trauma or crisis.

PC-675  Play Therapy Practicum Seminar I                Credits: 3
Term Offered: Spring Term
Course Type(s): None
First of a two-course sequence focusing on the application of the play therapy theories and techniques. Students will acquire experience using play therapy theories and techniques that can be used toward the requirements for RPT certification. Students will process the clinical experience of play with children and adolescents, with a review of advanced skills, assessment, and treatment planning during individual and group supervision in the university seminar through videotaped sessions and discussion. The therapeutic relationship is emphasized. Limited to Play Therapy (C.PSW.PT.) program majors. Students cannot enroll in SW-676 or PC-676 at the same time. Also listed as SW-675. Prior permission of the C.PSW.PT. Program Coordinator is required.

PC-676  Play Therapy Practicum Seminar II               Credits: 3
Term Offered: Spring Term
Course Type(s): None
Second of a two-course sequence focusing on the application of the play therapy theories and techniques. Students will acquire experience using play therapy theories and techniques that can be used toward the requirements for RPT certification. Students will process the clinical experience of play with children and adolescents, with a review of advanced skills, assessment, and treatment planning during individual and group supervision in the university seminar through videotaped sessions and discussion. Legal and ethical issues, transference/countertransference, and working with parents/caregivers are emphasized. Limited to Play Therapy (C.PSW.PT.) program majors. Students cannot enroll in SW-675 or PC-675 at the same time. Also listed as SW-676. P.SW.PT. Program Coordinator.
PC-680  Clinical Internship in Professional Counseling  Credits: 3
Prerequisite(s): PC-540, PC-595, the completion of thirty credits, and approval of the department
Term Offered: All Terms
Course Type(s): None
Designed to provide students intensive experience where they can integrate their academic learning during clinical experience. In addition to the requirement of 300 hours of supervised field service in an approved counseling agency, they also attend class each week. The weekly class consists of group supervision and a review of relevant professional, ethical and legal issues in counseling (for example assessment procedures, treatment planning, best empirically proven interventions, confidentiality, etc.). Limited to Professional Counseling majors who have completed at least thirty graduate credits. This is a pass/fail course. Registration is by special application, requiring the signature of the advisor and the Field Placement Coordinator.

Social Work (SW)

SW-LPE  Social Work Project Exposition  Credits: None
Prerequisite(s): SW-780
Term Offered: All Terms
Course Type(s): None
Social Work Project Defense. This is a pass/fail course.

SW-503  Social Work Practice with Individuals and Families  Credits: 3
Term Offered: All Terms
Course Type(s): None
This beginning practice course introduces students to the basic processes of social work and the roles and skills needed for foundation practice. Relevant theories of social work practice with individuals and families are explored in relation to interviewing skills and assessment strategies. The course integrates ethical/value standards, multicultural and diverse contexts, and populations at risk. Effective practice methods, ethical issues, and the problem-solving process are incorporated. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-505  Social Welfare Policy and Services I  Credits: 3
Term Offered: All Terms
Course Type(s): None
The first of two required courses in social policy defines social policy, examines the social, economic, and political circumstances that give rise to social problems and their policy solutions; explores frameworks for analyzing these solutions; and reviews a history of the profession of social work.

SW-507  Social Work Research  Credits: 3
Term Offered: All Terms
Course Type(s): None
Develops the student’s ability to use and engage in both quantitative and qualitative research in order to inform and evaluate his or her own social practice. Addresses key research concepts and procedures, such as hypothesis formulation, measurement, sampling, research design, and data collection.

SW-509  Human Behavior in the Social Environment I  Credits: 3
Term Offered: Fall Term
Course Type(s): None
This is the first semester of a two-semester course sequence within which students use theory and empirical data to assess human behavior as it develops in a variety of sociopolitical environments. A strengths-based, empowerment-focused paradigm is introduced to help students conceptualize biological, psychological, cognitive, and social factors as they influence human growth and development within families.

SW-510  Field Practicum I  Credits: 3
Term Offered: All Terms
Course Type(s): None
This is the first part of a yearlong seminar required of all first-year MSW students completing a field internship. The purpose of the seminar is to integrate experiences from the field with course work, discussion, and personal reflections. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-513  Social Work Practice in Groups  Credits: 3
Term Offered: All Terms
Course Type(s): None
Builds on social work practice, knowledge, skills and techniques. Describes social work practice with groups. It begins by delving into the history of group work in social work practice. Essentially, the course will explain the stages of group development, as well as concepts and theories related to group work treatment. In addition, different styles of group leadership will be presented, as well as group member roles. Students will be expected to role-play various stages of group development. Group process will also incorporate an ecosystems perspective, with overall emphasis on empowerment utilizing a strengths perspective. Special attention will be given to human rights, social and economic justice, diversity and cultural issues with respect to social work practice with groups. Students must earn a grade of *B or higher or it will have to be repeated.

SW-515  Social Welfare Policy and Services II  Credits: 3
Prerequisite(s): SW-505
Term Offered: Spring Term
Course Type(s): None
Theories and frameworks are used to analyze the development, operation, impact, and strategies for change in today’s social welfare policies and services. Students apply analytic skills, scientific knowledge and research concepts to deepen their knowledge about different settings, populations and issues that are influenced and shaped by social needs, social policy, ethical questions, oppression and concerns for social justice.

SW-518  Global Community Practice  Credits: 3
Prerequisite(s): SW-509
Term Offered: All Terms
Course Type(s): None
Required of all graduate Social Work majors, this course focuses on the community as the unit of intervention. Students will be introduced to the spectrum of macro social work practice from a global perspective. Students will learn the skills necessary for conceptualizing and facilitating social change, whether at the agency, neighborhood, state, federal or international level. Direct action (grassroots) organizing will be the framework for learning about social change. Examines international organizing movements and how these compare to organizing efforts in the United States. Students must earn a grade of B or higher in this course or it will have to be repeated.
SW-519  Human Behavior in the Social Environment II  Credits: 3  
Prerequisite(s): SW-509  
Course Type(s): None  
This is the second semester of a two-semester course sequence within which students use theory and empirical data to assess human behavior as it develops within a variety of sociopolitical environments. A strengths-based, empowerment-focused paradigm is developed to help students conceptualize the interactions among social identities, such as race, class, ethnicity, sexual orientation and gender expression, as they influence human behavior in larger sociopolitical entities, such as groups, organizations, and communities.

SW-520  Field Practicum II  Credits: 3  
Prerequisite(s): SW-510 passed with a grade of B or higher  
Co-requisite(s): SW-503, SW-513 and SW-518  
Term Offered: Spring Term  
Course Type(s): None  
The second part of a yearlong seminar required of all first-year MSW students completing a field internship. The seminar is generalist in focus. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-598  Special Topics in Social Work  Credits: 3  
Term Offered: Spring Term  
Course Type(s): None  
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Permission of the department chair required to take this course. If a prerequisite is required it will be announced in the course schedule.

SW-599  Independent Study in Social Work  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Reading and research under the direction of a member of the Social Work faculty. Prior permission of the directing professor and department chair is required to take this course.

SW-602  Domestic Violence  Credits: 3  
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher  
Term Offered: Spring Term  
Course Type(s): None  
Highlights the issues of power and control with respect to violence. The societal beliefs and mores of different cultures that condone violence will be examined. The patterns of domestic violence will be studied from the points-of-view of the victims as well as the abuser. Methods of social work practice with family violence as well as current treatment procedures with abusers and victims are included.

SW-603  Addictions Considerations  Credits: 1  
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher  
Term Offered: Spring Term  
Course Type(s): None  
Deals with the practice of social work with substance abusing clients. It is meant to supplement material covered in SW-604 (Clinical Practice in Addictions) to fulfill the obligations of licensure from the state of New Jersey.
SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Fall Term
Course Type(s): None

This is the first course in the concentration on Global and Community Practice. It is designed to introduce the student to local and global social work practice, with a special emphasis on community development and community organizing. The historical and current political context of development, the policies and practices of international aid, humanitarian agencies, governments and multilateral organizations and the role of social work in addressing human rights and needs are critically examined. Emphasis is given to the impact of social welfare policy decisions upon oppressed population groups and the implications of these decisions for human rights and social and economic justice. The importance of engaging organizations, community groups and institutions and allies to work together to address problems or conditions they have identified and wish to solve or change will also be highlighted. The macro context of the relationship and tensions between Global North and Global South development and practice are explored, as is the impact of this context on global community practice. Knowledge, skills and awareness for community practice work in multicultural local, transnational, and global settings are emphasized in this course. Engagement of communities and organizations via social media campaigns and collaborative in-person activities are also highlighted. Students must earn a grade of "B" or higher in this class or it will have to be repeated and this may delay a student’s ability to move forward in the program. Prerequisites: SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519, and SW-510 and SW-520 both passed with a grade of B or higher

SW-619 Social Work Supervision Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Course Type(s): None
Familiarizes students with the basic concepts of supervision as a vital component of social work practice in three areas: practice skills, administrative needs and evaluation. Covers a historical and theoretical view of supervision, techniques, styles, supervise counter transference, authority, power and the supervision process. Emphasis is placed on the dynamics of supervision, ethical and value principles, professional boundaries and supervision as a leadership function.

SW-621 Social Work with Military Families Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
This course is an MSW elective. It is designed to assist students in understanding military systems and cultures within the United States. Also, we will examine contemporary areas of practice for social workers within and outside of the military. Special attention will be given to the impacts of the current and historical conflicts on military personnel, their families, and veterans and also to the ethical issues of working with these populations.

SW-617 Environmental Justice and Sustainable Development in Social Work Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520, both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Addresses environmental crises and sustainable development challenges facing social workers in local and global arenas. Special attention will be made to conceptualize these challenges, themes and issues using a social justice and human rights framework embodied in Green Social Work. Social work pathways to facilitating environmental justice through local and global policy, coalitions and programming. Students must earn a "B" or higher in this class or it will have to be repeated and this may delay a student’s ability to move forward in the program.

SW-614 Grant Writing Credits: 3
Term Offered: All Terms
Course Type(s): TPS
Provides students with the opportunity to develop grant writing skills, to apply for a grant for their field internship agency and to begin to learn about project management. Emphasis will be placed on writing skills, concept development, program development and budget preparation. This course is suitable for students in either concentration.

SW-615 Advanced Global and Community Practice Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Fall Term
Course Type(s): None

This course is suitable for students in either concentration.
SW-623  Social Innovations  Credits: 3
Term Offered: Fall Term
Course Type(s): None
The problems facing today's world - global poverty, disease, climate change - are more complex than ever before, and solutions require interdisciplinary thinking and cross-sector collaboration. Social innovation represents a new paradigm that supports the development, implementation, and sustainability of transformational responses to social needs. Social innovation focuses attention on the ideas and solutions that create social value - as the processes through which they are generated, not just on individuals and organizations. This course introduces students to the strategies and processes of social innovation and social change. Students will gain knowledge of strategies of change that include the innovative activities of social and political entrepreneurs, activists, organizations, and social movements. Students will examine several individuals and groups who have catalyzed important positive social change through different organizational platforms - in the market, in government, within the nonprofit sector, and increasingly in the space between these three sectors. Throughout the course students will examine social innovation through case studies, best practice analyses, and relevant readings.

SW-625  Program Planning and Evaluation  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Provides information about the techniques and procedures involved in the planning process and in the application of research methods to social work practice at the community level. Focus will be on the conceptualization of a social program and on process or planning and the outcome evaluation research. Different approaches to planning and evaluation from a strengths-based empowerment perspective will be surveyed. Students will deal with the theoretical and practical problems of planning and evaluating social welfare programs and services for individuals and families in a global context.

SW-626  Evaluation of Practice Effectiveness  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518 and SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Provides information about the values, techniques and procedures involved in the application of research methods to social services and programming. The focus will be on the conceptualization of a social program and on process and outcome evaluation research. Students will deal with the theoretical and practical problems of evaluating social work and social welfare programs and services.

SW-627  Implications of Social Justice and Human Rights for Social Work  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
First of a two-course sequence examining the implications and applications of social justice and human rights within social work. Within this course, students develop their knowledge of social justice and human rights principles and theories. Students analyze the implications of those principles and theories for the profession of social work as they develop a proposal for the implementation of social justice and human rights in either an agency-based, creative, or research-focused project.

SW-628  School Social Work  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-510, SW-513, SW-515, SW-518, and SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Designed for students in the MSW program who are either in a school social work field internship, who currently work in the school system, or who anticipate becoming a school social worker in the future. Provides a conceptual framework for understanding social work services in schools. It will also cover educational policy, pupil rights, and the current social issues that school personnel handle.

SW-629  Spirituality and Social Work  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Provides a forum in which students will explore spirituality in social work practice. Through a critically reflective approach, this course prepares students to respond competently and ethically to diverse spiritual perspectives in relation to themselves, their clients and the helping relationships they create with them.

SW-630  Field Practicum III FC  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Required for advanced-standing students and those in the second year of the MSW program in the CPFC concentration. Focuses on advanced skills and particular techniques used with vulnerable and oppressed populations at each stage of the direct practice helping process and with difficult practice situations, such as resistant and involuntary clients, divorced families, child abuse and neglect, and other serious social problems affecting individuals, client groups, dyads, and family systems. Case examples representing complex client situations are drawn from the populations served by students in their fieldwork placements with a specific emphasis placed on working from a social justice and human rights perspective in the field. Students must earn a grade of B or higher in this course or it will have to be repeated.
SW-631 Field Practicum III CI  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519, and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Fall Term
Course Type(s): None
The semester is spent examining issues and methods in international and community practice. Some time will be spent considering an internship overseas in the spring semester. To this end, the course will expose all students to issues in living and working overseas and on cross-cultural understanding. Special attention is given to strategies that specifically target human rights issues, both in the United States and abroad. Designed to relate specifically to students completing their third semester of field practicum in a macro setting. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-632 Crisis Intervention  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Course Type(s): None
Examines the multiple definitions, concepts, and models of crisis intervention. Addresses the issue of scope and timing of services. Additionally, the issue of categories of events (private vs. public) will be discussed. The education and training of the crisis intervention specialist will also be explored. The effect of a crisis on the individual, the family and the community is considered. Sociocultural factors will also be considered also.

SW-635 Suicide Prevention and Intervention  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Fall Term
Course Type(s): None
Designed to provide the student with an introduction to the fundamental knowledge and skills necessary for the understanding of and working in clinical practice with individuals at risk for suicidal thoughts, attempts, and completions. Myths and facts of suicide will be reviewed along with providing information on the state of the evidence base for epidemiology, risk factors, prevention, intervention and postvention with the school-aged child and adolescent, elderly, and special high-risk populations such as Native Americans. Open only to MSW students. Students from other majors must get permission of the professor to enroll.

SW-640 Field Practicum IV FC  Credits: 3
Prerequisite(s): SW-630 passed with a grade of B or higher
Co-requisite(s): SW-605, SW-645, and SW-665
Term Offered: All Terms
Course Type(s): None
This second course in advanced fieldwork practice focuses on the application of social justice and human rights in practice with individuals, families and groups. It will focus on how culture and the global environment influence assessment and intervention. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-641 Field Practicum IV CI  Credits: 3
Prerequisite(s): SW-631 passed with a grade of B or higher
Co-requisite(s): SW-615 and SW-617
Term Offered: Spring Term
Course Type(s): None
Designed to relate specifically to students completing their fourth semester of field practicum in a macro setting. Students are completing 250 hours of fieldwork during this semester while taking this class. It will cover a topic of current interest in social work: cultural competency in the organization and best practice content and readings related to each student's specific field internship. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-642 Empowering Adults with Acute Stress and Trauma  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-510 passed with a grade of B or higher, SW-513, SW-515, SW-518, SW-519, and SW-520 passed with a grade of B or higher.
Course Type(s): None
Empowering Adults with Acute Stress and Trauma is an elective course for students in the advanced year of the MSW program. The course examines the variant experiences of acute stress, crisis, and post crisis adults may face when exposed to trauma in their life. Specific common occurrences, as well as unique experiences of trauma from a Micro, Mezzo and Macro impact are included, with special emphasis on the interventions specific for their needs to best foster empowerment and wellness. This course is repeatable once for credit.

SW-645 Clinical Social Work Assessment Diagnosis and Intervention Planning  Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Addresses advanced assessment, diagnosis, and intervention planning with adults. Examines the use of advanced theory in understanding problem formulation, assessment, diagnosis, and intervention planning utilizing a clinical social work approach. Attention is directed to sociocultural factors, policy issues and global environment considerations that impact diagnosis and intervention with persons seeking clinical social work services. The impact of poverty, racism, sexism, homophobia and various manifestations of institutionalized oppression upon clients and clinicians is considered. Intervention methods that enhance adaptive functioning and resiliency are explored. Provides students with an understanding of social work values and ethics as directly related to clinical work, the relevance of critical thinking skills, and the importance of collaborative intervention planning and evaluation of treatment effectiveness. Students must earn a grade of B or higher in this course or it will have to be repeated.
SW-654 Humanitarian Issues in War and Armed Conflict Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: Spring Term
Course Type(s): None
Challenges students to explore and discuss important questions around protecting the rights of vulnerable people during the times of war. International humanitarian law is a set of rules that seeks, for humanitarian reasons, to limit the effects of armed conflict. It protects persons who are not or are no longer participating in the hostilities and restricts the means and methods of warfare. International humanitarian law is also known as the law of war or the law of armed conflict. Only open to MSW students. Students from other majors must get permission of the professor to enroll.

SW-665 Advanced Clinical Practice with Children Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Builds upon the foundation of individual, family and group work, with advanced practice applications for social work with children. Assessment and intervention skills used with children and adolescents are taught in relation to special issues that impact upon children today nationally and internationally. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-669 Applications of Social Justice and Human Rights in Social Work Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519, and SW-627; and SW-510 and SW-520 both passed with a grade of B or higher
Course Type(s): None
Second of a two-course sequence examining the implications and applications of social justice and human rights within social work. Guides students in the practice and application of social justice and human rights theories within their concentration-specific engagement with social work. Students undertake the implementation of a project that advances social justice and human rights as appropriate to their concentration area and practice interests.

SW-672 Advanced Theory in Play Therapy Credits: 3
Term Offered: All Terms
Course Type(s): OL
Provides an in-depth understanding of the history and theories of play therapy. Emphasis is placed on the understanding of the roles of therapists and parents through the play process. Diversity and multicultural considerations for theoretical perspectives are highlighted.

SW-673 Advanced Techniques in Play Therapy Credits: 3
Term Offered: All Terms
Course Type(s): HY
Provides students with the opportunity to develop techniques and methods of play therapy. Emphasis is placed on working with children, adolescents, and adults through individual, group, and family play therapy. Major topics include group play therapy, family play therapy, short-term play therapy, and sand tray/sand play therapy. Additionally, diversity and multicultural considerations are highlighted.

SW-674 Play Therapy for Children at Risk Credits: 3
Term Offered: All Terms
Course Type(s): OL
Focus is on play therapy with vulnerable and high-risk children. Emphasis on working with children, adolescents, and adults using play therapy in trauma and crisis situations is highlighted. Special attention is given to social issues that can lead to or exacerbate trauma or crisis.

SW-675 Play Therapy Practicum Seminar I Credits: 3
Term Offered: Spring Term
Course Type(s): None
First of a two-course sequence focusing on the application of play therapy theories and techniques. Students will acquire experience using play therapy theories and techniques that can be used toward the requirements for RPT certification. Students will process the clinical experience of play with children and adolescents, with a review of advanced skills, assessment, and treatment planning during individual and group supervision in the university seminar through videotaped sessions and discussion. The therapeutic relationship is emphasized. Limited to Play Therapy (C.P.SW.PT) program majors. Students cannot enroll in SW-676 or PC-676 at the same time. Also listed as PC-675.

SW-676 Play Therapy Practicum Seminar II Credits: 3
Term Offered: Spring Term
Course Type(s): None
Second of a two-course sequence focusing on the application of play therapy theories and techniques. Students will acquire experience using play therapy theories and techniques that can be used toward the requirements for RPT certification. Students will process the clinical experience of play with children and adolescents, with a review of advanced skills, assessment, and treatment planning during individual and group supervision in the university seminar through videotaped sessions and discussion. Legal and ethical issues, transference/countertransference, and working with parents/caregivers are emphasized. Limited to Play Therapy (C.P.SW.PT) program majors. Cannot enroll in PC-675 at the same time. Also listed as PC-676. Prior permission of the CPSWPT Program Coordinator is required.

SW-698 Special Topics in Social Work Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student's transcript. Permission of the program director is required.

SW-699 Independent Study in Social Work Credits: 3
Prerequisite(s): SW-503, SW-505, SW-507, SW-509, SW-513, SW-515, SW-518, SW-519; and SW-510 and SW-520 both passed with a grade of B or higher
Term Offered: All Terms
Course Type(s): None
Reading and research leading to significant written work under the direction of a member of the social work faculty. Prior permission of the directing professor and department chair is required to take this course.
SW-710  Intersecting Ethics of Social Work, Leadership, Scholarship, and Human Rights  Credits: 3
Term Offered: All Terms
Course Type(s): None
In this course, we will review the spiritual, philosophical, and historical foundations of modern ethics. This will include gaining insight into how ethics are reflected in social work values and principles that guide practice behaviors. We will examine the intersection between ethics and the mission of social work to address social justice and human rights for vulnerable populations. Over the course of semester various lenses will be used to examine how ethics translate into practice behaviors. Leadership will be explored as an expression of ethics, considering dilemmas that may exist between the mission of service providers and the environmental, economic, and social context within which agencies provide services to individuals and communities. We will examine how ethics influence our response to various social issues such as global climate change and experiences related to gender identity, race/ethnicity, spirituality, and culture. We will conclude the course by exploring ethical dilemmas associated with service provision and methods for evaluating and responding to these dilemmas.

SW-715  Herstory and the Evolution of Social Work's Contribution to Leaders  Credits: 3
Term Offered: All Terms
Course Type(s): None
The aim of this course is to provide a foundation on the history of social work, social work education and human rights along with current illustrations of human rights leadership in the social work profession. The frameworks of the Universal Declaration of Human Rights and the Global Agenda are used to support progress toward just policies and practices. This course will prepare students with a foundation of knowledge and tools to critically assess and envision human rights leadership in the social work profession, social welfare policies, human service organizations, and the outcomes of social work delivery systems. As the name, "Herstory," suggests, this class will be taught through the lens of anti-racism, intersectional feminism, and global justice. Students will examine the tensions, achievements and possibilities within the profession including professionalization, the micro-macro divide, and practices of racism and anti-racism.

SW-720  Social Work Leadership Portfolio Development  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course is designed to provide students with structured support, guidance, and feedback as they develop their DSW portfolio and begin the planning phase of their Capstone Project. Students will learn to write a human rights focused case study and be able to frame it within the context of a literature review. The course will also assist students in narrowing the scope of their DSW research interests and will engage them in the process of thinking critically about how it can lead to eventual actionable change. In doing so, the course will introduce and explore how digital forms of advocacy and activism have been utilized to influence political and social change. Students will then learn the foundational skills that are necessary to effectively use digital technology and social media for this purpose. Students will later apply these skills in their Capstone Project to inform, educate, and engage a public audience on a human rights issue specific to their area of social work practice that requires attention and/or change.

SW-725  Leadership Portfolio Development and Strategic Planning for Career  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course introduces leadership by focusing on the practice of leadership at the micro and mezzo levels. Attention is given to helping students understand and improve their own leadership performance as they begin to build a portfolio and develop a vision and strategic plan for career trajectory.

SW-730  Comparative Theories and Practices of Leadership and Human Rights  Credits: 3
Term Offered: All Terms
Course Type(s): None
The aim of this course is to introduce students to advanced theories and practices of leadership using the framework of universal declaration human rights in developing social development perspectives across the disciplines. This course will address the contemporary, philosophical, and theoretical underpinnings of leadership, human rights, and social, economic, and environmental justice. More specifically, it will examine various leadership models and strategies in advanced human rights issues to ensure social, economic, and environmental justice. The course will not only prepare students to acquire the necessary knowledge base but will also teach students the skills to become advocates for the vulnerable constituents of our global population.

SW-735  Theories in Social Innovation and Change  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course is grounded in foundation social work courses and is designed to build on and apply previous course knowledge with a special emphasis on socially innovative program and community development utilizing a design thinking approach.

SW-740  Social Justice Approaches to Executive Leadership and Strategic Management  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course focuses on questions of mission and vision ("What areas should an organization be working in and what should the organization's future look like?) and on questions of strategy and operations ("How can we perform effectively and how do we measure and define success?"). The course will cover key skill areas such as mission statements, creating organizational goals, assessment of outcomes, strategic planning, building boards and committees, along with an overview of fundraising skills.

SW-745  Quantitative Research Methods and Analysis  Credits: 3
Term Offered: All Terms
Course Type(s): None
In this course, will present quantitative research methods in the context of human rights and rigorous ethical standards. Students will review quantitative research methods and design allowing the social work practitioner to be able to discern and design quality research encompassing strong internal, external and measurement validity. A range of quantitative techniques will be presented leading to the development of a research proposal that addresses issues common to social work leadership.
SW-750  Qualitative Research  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course provides a review of the various methods associated with qualitative research. This course will also provide an examination of the philosophical, epistemological, and methodological foundations that currently define qualitative research. Examples of qualitative methods in practice will be provided with a focus on how a method is determined and developed by a given research question.

SW-755  Educational Leadership in Human Rights Tool I  Credits: 3
Term Offered: All Terms
Course Type(s): None
The aim of this course is to further students knowledge of education leadership, continuing to use the overarching framework of advancing human rights and advocating for social, economic, and environmental justice. This course is one of a pair of courses for students wanting to use education as a leadership tool, and it is offered in the third and final year of the DSW program. Placement of this pair of courses coincides with students' preparation and implementation of their transformative human rights leadership project. Students must take this course prior to taking its sequel Education Leadership in Human Rights Tool II.

SW-760  Education Leadership in Human Rights Tool II  Credits: 3
Term Offered: All Terms
Course Type(s): None
The aim of this course is to further students' knowledge of education leadership, continuing to use the overarching framework of advancing human rights and advocating for social, economic, and environmental justice. This course is the second of a pair of courses for students wanting to use education as a leadership tool, and it is offered in the third and final year of the DSW program. Placement of this pair of courses coincides with students' preparation and implementation of their transformative human rights leadership project. Tool II provides students with an opportunity for experiential learning through completing a teaching practicum and aims to deepen students' understanding of global issues in educational leadership.

SW-765  Policy Leadership in Human Rights Tool I  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course will address the contemporary, philosophical, and theoretical underpinnings of leadership in policy development from a human rights lens to ensure social, economic, and environmental justice. There will be a special emphasis on knowledge of the policy process, with skills focusing on policy analysis, policy development and implementation. This course is one of a pair of courses on the use of policy as a human rights leadership tool, offered in the third and final year of the DSW program. Students must take this course prior to taking its sequel, Policy Leadership in Human Rights Tool II.

SW-770  Policy Leadership in Human Rights Tool II  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course provides opportunities for experiential learning through the completion of policy advocacy work in the student's community/workplace. Throughout the course, there will be an emphasis on the impact of values and professional ethics on policy analysis and program planning and development. Emphasis is given to the impact of social welfare policy decisions upon oppressed groups including their implications for human rights and social, economic, and environmental justice.

SW-775  Mentored Preparation of Transformative Human Rights Leadership  Credits: 3
Term Offered: All Terms
Course Type(s): None
Similar to a dissertation, the capstone provides students with a guided opportunity to demonstrate the knowledge, skills, and understanding they have acquired throughout their course of study. Students are expected to identify a problem of importance connected to the Sustainable Development Goals and develop an innovative proposal for an immediately actionable social change effort. Students will work in close consultation with their doctoral committee to build upon the research question. They will gain institutional approval to conduct their independent research and will conduct the research under the supervision of a faculty mentor. Students will present the findings develop of a multimedia project that presents applied knowledge relevant to the social work profession. This course runs over two semesters.

SW-780  Mentored Preparation of Transformative Human Rights Leadership  Credits: 3
Prerequisite(s): SW-775
Term Offered: All Terms
Course Type(s): None
Similar to a dissertation, the capstone provides students with a guided opportunity to demonstrate the knowledge, skills, and understanding they have acquired throughout their course of study. Students are expected to identify a problem of importance connected to the Sustainable Development Goals and develop an innovative proposal for an immediately actionable social change effort. Students will work in close consultation with their doctoral committee to build upon the research question. They will gain institutional approval to conduct their independent research and will conduct the research under the supervision of a faculty mentor. Students will present the findings develop of a multimedia project that presents applied knowledge relevant to the social work profession. This course is the second in a two-semester course.

Sociology (SO)

SO-505  Critical Issues in Crime and Delinquency  Credits: 3
Course Type(s): None
An overview of some of the major problems confronting criminology and the criminal and juvenile justice systems. Current criminological literature and research will be evaluated in terms of its ability to suggest solutions to these problems.

Software Engineering (SE)

SE-505  Principles of Software Engineering  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Basic introduction to software engineering. Justification that software engineering is an engineering discipline. The two main components of the software engineering discipline- the software product and software process-will be discussed in detail. For design and verification, there will be a focus on traditional Structured-Analysis method. Limited to Software Engineering students only.
SE-511 Object-Oriented Analysis  Credits: 1.5
Prerequisite(s): SE-505 passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): CISEL
Introduces the development of the requirements and analysis model for a software application. Uses object-oriented methodologies. This is not a programming course. Limited to Software Engineering students only.

SE-512 Object-Oriented Design  Credits: 1.5
Prerequisite(s): SE-511 passed with a grade of B- or higher
Term Offered: All Terms
Course Type(s): CISEL
Introduces the design of a software application. Uses object-oriented methodologies. This is not a programming course. Limited to Software Engineering majors only.

SE-517 Engineering Web-Based Systems  Credits: 3
Prerequisite(s): CS-501A
Term Offered: All Terms
Course Type(s): None
A practical introduction to the principles, methods and tools required to create high-quality software applications for the distributed, client-server context of the Web. The course emphasizes on architectural designs, and language and data access methods that are common in web-based systems.

SE-556 Software System Requirements  Credits: 3
Prerequisite(s): CS-501A, SE-505, and SE-511
Term Offered: All Terms
Course Type(s): CISEL
Students will learn advanced methods in software system requirements. Ideally, these methods should be applied at the system, enterprise or global levels of software development. Methods in requirements elicitation, modeling of enterprises, prioritization and negotiation of requirements will be emphasized. Methods for including Commercial Off-the Shelf (COTS) system applications and product families will be introduced. By the end of the course, students will master the standard documentation of system requirements. Many opportunities for hands-on experience with requirements tools will be provided throughout the course.

SE-571 Software Design and Systems Architecture  Credits: 1.5
Prerequisite(s): SE-556
Term Offered: Spring Term
Course Type(s): CISEL
Introduces software application design and system architecture in terms of the design process, design principles, design notations, design tools, design heuristics, and design patterns. Covers application and system design in detail concentrating on developing designs that are complete, correct, robust, implementable, and deployable. Limited to Software Engineering students only.

SE-572 Enterprise and Global Architecture  Credits: 1.5
Prerequisite(s): SE-571
Term Offered: All Terms
Course Type(s): CISEL
Introduces architectural design at the Enterprise and Global Architectural levels. Provides students with an understanding of how new systems are brought into an organization to interoperate with an existing system, how systems are maintained throughout their lifecycle, and how systems are retired at the end of their lifecycle. Also provides students with an understanding of how the computing capabilities of a company fits into the larger scope of the Internet. Limited to Software Engineering students only.

SE-575 Software Verification, Validation and Maintenance  Credits: 3
Prerequisite(s): CS-501A and SE-505
Term Offered: All Terms
Course Type(s): None
Covers software verification, validation and maintenance. The first half of the course includes inspections of requirements, design and code as well as testing. The second half addresses the handling of change requests, software evolution, code comprehension, and change management. It will include hands-on experience with a change management system and an automated testing tool.

SE-580 The Process of Engineering Software  Credits: 3
Prerequisite(s): CS-503 and SE-505
Term Offered: Spring Term
Course Type(s): None
Students will learn how to define, apply and improve a software process. The basic components of a software process will be introduced, as well as the most influential process models. Students will experiment with both plan-based and agile methods of software development. The need for continuous process quality assessment and improvement will be described. Models such as CMM, ISO9001 will be introduced as reference models for organizations process models.

SE-588 Software Practice and Experience  Credits: 1
Prerequisite(s): 18 credits from Computer Science or Software Engineering
Term Offered: All Terms
Course Type(s): None
Provides opportunity for Software Engineering graduate students to obtain related experience in employment at a local company or institution, with Monmouth University sponsorship. Available to Software Engineering graduate students who have completed at least eighteen credit hours of graduate courses (500-level), with a minimum G.P.A. of 3.00. Does not satisfy elective requirements. Students may take this course a maximum of two times. This is a pass/fail course.

SE-599 Independent Study in Software Engineering  Credits: 1-3
Prerequisite(s): Completion of at least 12 credits in Software Engineering
Term Offered: All Terms
Course Type(s): None
The development and execution of a significant research project designed by the student in consultation with a software engineering professor. This is an experience meant to focus learning on an area of special interest to the student. Prior permission of the directing professor and department chair is required to take this course.

SE-601 Outsourcing: Specifications and Strategies  Credits: 3
Prerequisite(s): SE-565 and SE-571
Term Offered: Spring Term
Course Type(s): None
Covers issues associated with outsourcing software development in a fashion that assures delivery of acceptable products. The emphasis is on basic factors that determine the effectiveness of outsourcing, strategies for minimizing risk, project tracking, contract-specified breakpoints, and requirements.

SE-602 Technology Assessment  Credits: 3
Prerequisite(s): SE-565 and SE-571
Term Offered: Spring Term
Course Type(s): None
Covers the practicalities of assessing a technology for use in delivery of products. It examines how new tools, processes, and training fit into an overall technology-adoption decision.
SE-603 MOST Implementation
Prerequisite(s): SE-565 and SE-571
Term Offered: Spring Term
Course Type(s): None
A practical application of MOST concepts by following the process of adapting a new technology and putting the appropriate elements into an organization. Focuses on technology assessment, cost, scheduling, training, and project management.

SE-610 Software Systems Security
Prerequisite(s): SE-505
Term Offered: All Terms
Course Type(s): None
Threats, vulnerabilities, and attacks to network-based systems. Heuristic procedures for breaking systems. UNIX and Internet case studies. Security modeling techniques including Bell-Lapadula, Biba, and Clark-Wilson. Composition of non-deducibility and noninterference security. Safeguard techniques including cryptographic protocols, online auditing and intrusion detection, access control, Internet firewalls, authentication, security kernel design, and trusted software development. Case studies in database security and secure network design.

SE-611 Secure Web Services Design
Prerequisite(s): SE-565
Term Offered: Spring Term
Course Type(s): None
Web applications present a complex set of security issues for architects, designers, and developers. The most secure and hack-resilient Web applications are those that have been built from the ground up with security in mind. This course focuses on principles of secure Web applications design. Topics include threats and counter measures, security in Web service frameworks, session control, access control, and data protection. Also listed as CS-611.

SE-615 Usability Engineering/Human-Computer Interaction
Prerequisite(s): SE-565
Term Offered: Spring Term
Course Type(s): None
Explores the requirements analysis, design and evaluation of the Computer User Interface in the context of Software Engineering Processes. Specific methods and design problems will be illustrated with real-world examples in information technology, the Internet, communications, mobility, multimedia, and speech technologies. Prepares students to perform usability tasks directly or to successfully manage and collaborate with usability experts.

SE-616 Extensible Markup Language (XML)
Prerequisite(s): CS-501B
Course Type(s): None
Presents XML fundamental concepts, XML as a document format, XML as a data format, and special topics in using XML.

SE-620 Networked Software Systems I
Prerequisite(s): SE-565 and SE-571
Course Type(s): None
Network Computing Models, Concepts and Requirement specification; Techniques for Interprocess Communication; Message Passing; Remote Procedures Calls; Directory Service; Synchronization; Task Partition and Allocation; Threads; Security and Authentication; Time Management.

SE-621 Networked Software Systems II
Prerequisite(s): SE-620
Term Offered: Spring Term
Course Type(s): None

SE-623 Management Information Systems
Prerequisite(s): SE-565 or MIS-623
Term Offered: Fall Term
Course Type(s): None
A survey of the concepts of management information systems and the information needs of management. A user-oriented introduction of the fundamentals of information systems and their integration into business organizations. Also listed as MIS-623. Not open to students who have successfully completed BM-520.

SE-625 Information Systems Architecture
Prerequisite(s): SE-565 and SE-505
Term Offered: All Terms
Course Type(s): None
Theoretical and practical issues related to the modeling and design of information systems to support medium to large organizations. The Target Architecture and its roles in building enterprise-wide information systems. Operational, warehouse, departmental, and individual-level data. Data modeling levels and associated constructs: Entity-Relationship Diagrams, Data Item Sets, Physical Data Models. Process modeling levels and associated constructs: Functional decomposition, Context diagrams, Data Flow Diagrams, State transition Diagrams, HIPO charts, Pseudocode and programming specs. Relationship with Object-based modeling. Also listed as MIS-525.

SE-626 Information Systems Engineering
Prerequisite(s): SE-625
Term Offered: Spring Term
Course Type(s): None
Theoretical and practical issues related to the implementation of information systems to support medium to large organizations. Databases within the Target Architecture and their role in building enterprise-wide information systems. Logical vs. Physical database design. Transaction Processing (TPS) and Decision Support Systems (DSS): similarities and differences. Knowledge-based systems. Implementation issues; reliability, integrity, security, performance, scalability and maintainability. Review of existing commercial tools and environments for building, using and maintaining Information Systems for the enterprise.

SE-640 Real-time Systems
Prerequisite(s): CS-501B and SE-505
Term Offered: Fall Term
Course Type(s): CISEL
Theoretical foundations and practical algorithms in the specification and validation of real-time systems and applications. Important topics include real-time system specification, scheduling, resource access control, real-time task assignment, and high-level system modeling and analysis.

SE-641 Real-time Robot Control
Prerequisite(s): SE-640
Course Type(s): CISEL
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<td>impact in the planning and scheduling of software projects.</td>
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<td>SE-651</td>
<td>Software Organization Management</td>
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<td>Management issues regarding the software process. Authority</td>
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<td>Software Team management: organization, staffing and</td>
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<td>valuation, organizational alternatives. Centralized vs.</td>
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<td>Decentralized organizations. Managing design, development</td>
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<td>Strategies for staffing: minimal vs. redundant staffing.</td>
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<td>Combining generalists and specialists to achieve an optimal</td>
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<td>staff configuration. Staff development and growth. Fostering</td>
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<td>professional growth within the organization. Evaluation</td>
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<td>strategies and techniques. Compensation and reward issues.</td>
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<td>SE-655</td>
<td>Cloud Computing - Concepts, Technology and Architecture</td>
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<td>This course will introduce students to proven and mature</td>
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<td>SE-691</td>
<td>Software Engineering Thesis Research</td>
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<td>hands-on, team-oriented large software development projects.</td>
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<td>product will be chosen through negotiation with the</td>
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<td>instructor. Teams will operate in accordance with a</td>
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<td>well-defined set of policies and procedures (documented in</td>
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<td>an SE Handbook) that governs the entire development process.</td>
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SE-695B Software Engineering Practicum Credits: 3
Prerequisite(s): SE-695A
Term Offered: All Terms
Course Type(s): None
A two-semester course sequence with major emphasis on hands-on, team-oriented large software development projects. Students will be asked to form groups of three to five persons, who will work as a software team whose purpose will be to develop a software product. The particular product will be chosen through negotiation with the instructor. Teams will operate in accordance with a well-defined set of policies and procedures (documented in an SE handbook) that governs the entire development process. This documented process addresses work products, roles, activities, entry and exit criteria, reviews and audits, documented procedures, and training. The practicum will also include the use of a set of approved tools. Additional software project management topics such as planning, estimation, and tracking will be covered. Project management techniques and their application to the management of software projects. How to define a software development plan, its associated tasks, milestones, and deliverables. Software project scheduling and the establishment of relationships among the different tasks. Task dependencies and conflict resolution. Resource management and allocation. Software project cost estimation. Algorithmic models for estimating costs: the COCOMO model and its derivatives. Risk assessment and its impact in the planning and scheduling of software projects. Software project measurement and tracking. Comparative review of software tools for software project management. Software configuration management and its importance in the management of a large software project. Students will be asked to serve in team roles, hold oral reviews, and prepare documentation appropriate to their project. Students will participate in the reviews of other teams in the class. At the end of the second semester, each team will give a formal presentation on the project. Limited to Software Engineering majors.

SE-698 Special Topics in Software Engineering Credits: 3
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and of the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student’s transcript. Approval of the department is required to take this course. If a prerequisite is required it will be announced in the course schedule.

SE-699 Individual Research Project in Software Engineering Credits: 3
Term Offered: All Terms
Course Type(s): None
The development and execution of a significant research project designed by the student in consultation with a software engineering professor. An experience meant to focus learning on an area of special interest to the student. Prior permission of the directing professor and department chair is required to take this course.

Speech Language Pathology (SLP)

SLP-CPE Comprehensive Portfolio Examination Credits: None
Prerequisite(s): SLP-680
Term Offered: All Terms
Course Type(s): None
Students will complete a comprehensive project demonstrating their clinical and research skills. This is a pass/fail course.

SLP-600 Professional Issues in Speech-Language Pathology Credits: 3
Term Offered: Spring Term
Course Type(s): None
Presents professional practice issues in speech-language pathology including scope of practice, certification and licensure as well as healthcare legislation and regulation. Code of ethics and ethical decision-making will also be addressed. Students will have the opportunity to explore contemporary service delivery topics using case studies focusing on ethical dilemmas and controversial practices that may arise in professional settings. Students will also be exposed to multicultural perspectives to contemporary issues as well as evidence-based practice.

SLP-604 Clinical Methods in Speech-Language Pathology Credits: 3
Term Offered: Summer Term
Course Type(s): None
Introduction to therapeutic methodologies in preparation for participation in clinical practicum. Provides advanced instruction in evidence-based therapeutic methods and documentation in speech-language pathology. Students will be prepared to engage in informative clinical decision making and intervention. Includes instruction of therapy techniques and procedures, as well as the development of professional goal and report writing skills.

SLP-610 Neurological Language Disorders and Aphasia Credits: 3
Term Offered: All Terms
Course Type(s): None
Addresses the nature, etiology, and clinical management of adults with acquired language disorders, with primary emphasis on aphasia and related cognitive disorders. Students will study the structures and functions of the central and peripheral nervous system as they relate to human speech, language and cognition.

SLP-614 Assessment and Treatment of Dysphagia Credits: 3
Term Offered: Spring Term
Course Type(s): None
Examines assessment and intervention for feeding and swallowing disorders in children and adults. Addresses the implementation of clinical examination procedures and interpretation of instrumental diagnostic procedures. Instructional strategies for rehabilitation and compensatory feeding strategies will be provided.

SLP-625 Assessment Procedures in Speech-Language Pathology Credits: 3
Term Offered: Summer Term
Course Type(s): None
Presents an overview of diagnostic tests and procedures used in assessment of speech and language disorders across the lifespan. Students will learn the principles of measurement including reliability and validity, the calculation and interpretation of standardized test results and standard deviation.

SLP-630 Pediatric Language Disorders Credits: 3
Term Offered: Summer Term
Course Type(s): None
Examines the communicative behaviors of infants, toddlers, and preschoolers and school-age children at risk or diagnosed as having a communication disorder. Students will learn etiologies, characteristics, assessment, and intervention strategies that are appropriate for treating children with language disorders. Particular emphasis will be placed on academic, cognitive and augmentative aspects of language use with populations who are culturally and linguistically diverse.
SLP-645  Speech Sound Disorders  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines both typical and disordered phonetic and phonological development in children, the nature of nonorganic articulation and phonological disorders, the evaluation process and appropriate intervention strategies for linguistically diverse populations.

SLP-650  Fluency Disorders  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Reviews stuttering and dysfluency behaviors; historical and etiological description and treatment; current theories of stuttering; contemporary research in the field; and treatment of stuttering.

SLP-655  Disorders of Voice and Resonance  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines normal and abnormal laryngeal function. The nature and etiology of a variety of vocal pathologies will be explored. Identification, assessment as well as evidence-based treatment strategies for functional, neurogenic and organic voice disorders will be presented. Case studies and guided observations will be used. Designed to extend the foundation knowledge of the speech-language pathology student relevant to the nature of resonance disorders including cleft palate.

SLP-660  Motor Speech Disorders  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines the neurological basis of acquired and congenital motor speech disorders including dysarthria and apraxia as well as the accompanying communication disorders that result from damage to the central nervous and peripheral nervous systems. Students learn the principles and procedures for the assessment and remediation of motor speech disorders.

SLP-664  Audiology and Aural Rehabilitation  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Examines techniques employed in assessing hearing function in adults and children and studies the pathologies of the auditory and related systems. Provides an introduction to the impact of hearing loss on speech and language development, communication, education, and psycho-social development. Students gain practical experience developing aural rehabilitation programs using technological aids for the hearing impaired.

SLP-665  Augmentative and Alternative Communication  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Provides information about augmentative and alternative communication (AAC) assessment and intervention practices related to providing services for clients with AAC needs. Students will learn concepts, strategies, techniques and issues in the field of AAC. Focus will include research that has been conducted in the field of AAC, assessment and clinical procedures, meeting the AAC needs of clients with developmental and acquired disabilities across the lifespan, and hands-on training with devices and methods of AAC.

SLP-666  Literacy and Speech-Language Pathology in the Schools  Credits: 3
Course Type(s): None
This course includes the establishment and maintenance of speech and hearing programs within various administrative organizations, particularly in public schools. Emphasis is placed on the individual educational plan (IEP) process including referral, assessment, evaluation, identification, and development of a meaningful IEP. Techniques of scheduling, record keeping, material and equipment selection, counseling, and behavior management are discussed. In addition, the development of coordinated professional and interdisciplinary procedures and issues of ethical practice and cultural diversity are addressed. This course also addresses the relationship between language and literacy, and the role of the school SLP in prevention, assessment, and treatment of literacy issues through consultative, collaborative and pull-out methods.

SLP-678  Pediatric Feeding and Swallowing Disorders  Credits: 3
Course Type(s): None
This is a graduate level course on pediatric feeding and swallowing. It provides students with information pertaining to the anatomy-physiology of pediatric swallowing processes, typical/normal swallowing/feeding development, and strategies for the prevention, assessment, and management of children with difficulties feeding and/or swallowing. Using current literature, common diagnostic and treatment approaches will be reviewed and analyzed in order to effectively implement evidenced based practices. The importance of impact on family and interdisciplinary treatment teams will be studied. The successful completion of this course will allow the student the foundational knowledge and the basic skills required to work with pediatric patients in various settings with feeding and/or swallowing disorders.

SLP-679  Diagnostic Practicum in Speech-Language Pathology  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Provides clinical practicum hours in the assessment of speech and language in children and adults. Students will plan, carry out and report diagnostic assessments.

SLP-680  Research Methods  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Teaches students the history of research and role of the IRB, ethical practices in research, APA style, development of a research question based on clinical needs, how to conduct a literature search on a topic, and develop a literature review. Students will also learn the difference between quantitative and qualitative research, research strategies and designs for communication sciences and disorders, data analysis, commonly used statistical tests, and methods for reporting results. Finally, students will learn to compare and contrast findings from various studies and to apply research findings to clinical practice.

SLP-681  Clinical Practicum I  Credits: 3
Prerequisite(s): SLP-604
Term Offered: Fall Term
Course Type(s): None
Provides supervised clinical practicum hours in therapeutic management of speech and language disorders.

SLP-682  Clinical Practicum II  Credits: 3
Prerequisite(s): SLP-681
Term Offered: Spring Term
Course Type(s): None
Provides supervised clinical practicum hours in therapeutic management of speech and language disorders.
SLP-683  External Clinical Practicum I  Credits: 3
Prerequisite(s): SLP-682
Term Offered: Fall Term
Course Type(s): None
Provides supervised clinical practicum at an off-campus facility serving a variety of populations. Examples of placement sites include acute-care hospitals, rehabilitation centers, long-term care facilities and private practices.

SLP-684  External Clinical Practicum II  Credits: 3
Prerequisite(s): SLP-683
Term Offered: Spring Term
Course Type(s): None
Provides supervised clinical practicum at an off-campus facility serving a variety of populations. Examples of placement sites include acute care hospitals, rehabilitation centers, long-term care facilities and private practices.

SLP-699  Ind Study in Speech Language Pathology  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Prior permission of the directing professor and department chair is required to take this course. Application must be filed before registration.

Theatre (TH)

TH-526  Comedy and Drama in Western Culture  Credits: 3
Course Type(s): None
Explores the development of comic invention in drama in relation to social history. Readings in early European drama and social history are augmented by representations in art of early theaters, performances and comic themes. Videotapes are used to explore the development of traditional comic themes in modern theatre.

TH-598  Special Topics in Theatre  Credits: 3
Term Offered: Spring Term
Course Type(s): None
To equip teachers with the ability to use creative dramatics in the classroom. The emphasis is on the participant and participation. Dramatic play and play-making are integral to the class. Techniques will be taught that can be transferred to many other subjects and disciplines. Students should attend comfortably dressed. If a prerequisite is required it will be announced in the course schedule.

TH-599  Independent Study in Theatre  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Reading and research leading to significant written work under the direction of a member of the theatre faculty. Prior permission of the directing professor and department chair is required to take this course.
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