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GRADUATE CATALOG

Date of Publication: August 2019

Applicability of Catalog
Monmouth University has provided the following information to the public. The information provided herein does not provide an irrevocable contract between Monmouth University and the student. The University reserves the right to alter any policy, procedure, curricular information, facts, and/or fees without any prior notice or liability.
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 mental or physical 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, Wilson 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://wlbssweb-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.
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.

Academic Foundations – General Education
Associate Vice Provost
Judith Nye
732-571-3683

Admission, Graduate
Associate Director
Laurie Kuhn
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gradadm@monmouth.edu

Admission, Undergraduate
Director
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admission@monmouth.edu

Athletics
Vice President and Director
Marilyn McNeil
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athletics@monmouth.edu

Bursar’s Office
Bursar
Jonas Javier
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bursar@monmouth.edu

Campus Tours
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Victoria Bobik
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Career Services
Assistant Dean
William F. Hill
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careerservices@monmouth.edu

Cashier’s Office
Manager
Marilyn Cusick
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mucashier@monmouth.edu

Center for Student Success and First Year Advising
Director of Academic Advising
Danielle Schrama
732-263-5868
fyadvisor@monmouth.edu

Counseling and Psychological Services
Director of Counseling and Psychological Services
Andrew Lee
732-571-7517
mucounseling@monmouth.edu

Disability Services for Students
Director
John Carey
732-571-3460, Voice
732-263-5795, TTY Relay
dds@monmouth.edu

Educational Opportunity Fund
Director
Alexis Delgado
732-571-3462
eof@monmouth.edu

Financial Aid
Associate Vice President and Director of Financial Aid
Claire M. Alasio
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Global Education Office
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global@monmouth.edu

Graduate Assistantships
Associate Vice Provost for Graduate Student Services
R. Darrell Peterson
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Graduate Studies
Vice Provost
Michael A. Palladino
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graduateschool@monmouth.edu

Health Services
Director
Kathy Maloney
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health@monmouth.edu

Help Desk (e-mail and Webadvisor)
Director
Lynn Stipick
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helpdesk@monmouth.edu

Honors School
Dean
Nancy Mezey
732-571-3620
honors@monmouth.edu

Housing
Associate Vice President
James Pillar
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reslife@monmouth.edu

Immigration and Visa Support
Assistant Director
Barbara Nitzberg
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intl.students@monmouth.edu

Leon Hess Business School
Dean
Donald Moliver
732-571-3423

Library
University Librarian
Kurt Wagner
732-571-34
referenc@monmouth.edu

Mathematics Center
Coordinator
Lynn Dietrich
732-571-5305

Military/Veteran Services
Coordinator of Veteran Services
Michael Callahan
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Orientation, Undergraduate
Director
Amy Bellina
732-571-3591
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Peace Corps Prep Program
Coordinator
Frank Cipriani
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pcpre@monmouth.edu

Physician Assistant Program
Monmouth Park Corporate Center, Building C
732-923-4505
paprogram@monmouth.edu

Police Department
Director, Chief of Police
William McElrath
732-571-4444
mupd@monmouth.edu

Pre-Professional Health Advising (for medicine, dentistry and other health careers)
Pre-Professional Health Advisory Committee (PPHAC)
732-571-3687
pphac@monmouth.edu

Registrar's Office
Registrar
Lynn Reynolds
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registrar@monmouth.edu

Residential Life
Associate Vice President
James Pillar
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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
732-571-3437
soe@monmouth.edu

School of Humanities and Social Sciences
Dean
Kenneth Womack
732-571-3419

School of Nursing and Health Studies
Dean
Janet Mahoney
732-571-3443

School of Science
Dean
Steven Bachrach
732-571-3421

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

Service Learning
Gillian Scott
Coordinator of Service Learning
Center for Excellence in Teaching and Learning
732-571-4411

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

Student Employment
Assistant Director
Amy Parks
732-571-3471

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

Transfer Services
732-571-3588
transferservices@monmouth.edu

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

Undeclared Majors Advising Program
732-571-3588
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Writing Services
Director
Frank Fury
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, athletic training, 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 a doctorate level program: Doctor of Nursing Practice (D.N.P.). The School of Education offers a Doctor of Education (Ed.D.) in Educational Leadership.

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. Volunteer and service activity is encouraged and facilitated by the Coordinator of Service Learning in the Center for Excellence in Teaching and Learning.

Campus Facilities

The University’s 168-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 Woodrow Wilson Hall, the administrative center. Completed in 1931 on the precise site of President Woodrow Wilson’s summer White House, 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, Wilson Hall 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; Pozicky 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, Mulaney, 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 and Pier Village.

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 eighty-three undergraduate and graduate degree programs and concentrations. Monmouth University also offers two doctorate-level programs:

School of Nursing and Health Studies:

- Doctor of Nursing Practice (DNP)

School of Education:

- Doctor of Education (EdD) in Educational Leadership

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. In addition,

- the Leon Hess Business School is accredited by the AACSB International—the Association to Advance Collegiate Schools of Business;
- the chemistry program (with a concentration in advanced chemistry) is certified by the American Chemical Society (ACS);
- 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);
- the undergraduate Bachelor of Social Work and graduate Master of Social Work programs are accredited by the Council on Social Work Education (CSWE);
- 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 - Advanced Computing program is accredited by the Computing Accreditation Commission of (ABET) (http://abet.org);
- in the School of Education, the bachelor of arts and bachelor of science programs in Education, the Masters of Arts in Teaching program in Education, and the Master of Science in Education (MSED) programs in Literacy, Principal/Supervisor, and Special Education are are accredited by the Council for the Accreditation for Educator Preparation (CAEP); 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); the MSED degree program in Speech-Language Pathology is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) 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) and the Master of Science in Clinical Mental Health Counseling program is accredited by CACREP;
- the accrediting agency, Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) has granted Accreditation-Probation status to the Monmouth University Physician Assistant Program;
- the Master of Science in Athletic Training program is seeking accreditation from the Commission on Accreditation of Athletic Training Education (CAATE).

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 were known 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>
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<tbody>
<tr>
<td>Rose Mary Miller, Mathematics</td>
<td>1975</td>
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<tr>
<td>William P. Mitchell, Anthology</td>
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<td>Richard Benjamin, Electronic</td>
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<td>Engineering</td>
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<td>Vernon Churchill, Biology</td>
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<td>Charles J. Lewis, Mathematics</td>
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<td>J. Emmett Collins, Marketing</td>
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<td>Robert J. Sipos, English</td>
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<td>Harris Drucker, Electronic</td>
<td>1982</td>
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<td>Engineering</td>
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<tr>
<td>Alicia E. Portuondo, Foreign</td>
<td>1983</td>
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<td>Languages</td>
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<td>John A. Styslenger, English</td>
<td>1984</td>
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<td>Everett L. Rich, Communication</td>
<td>1985</td>
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</tbody>
</table>

Doris K. Hiatt, Psychology 1986
Eugene S. Simko, Management 1987
Thomas S. Pearson, History 1988
Datta V. Naik, Chemistry 1989
Donald M. Moliver, Economics 1990
Robert S. Rouse, Chemistry 1991
Leonard Wollack, Marketing 1992
Arie van Everdingen, Art 1993
Mark Rodgers, Social Work 1994
Kenneth Campbell, History 1995
Margaret Del Guercio, English 1996
Marilyn Parker, Chemistry 1997
Gregory Coram, Criminal Justice 1998
Robyn Holmes, Psychology 1999
Robin Mama, Social Work 2000
Brian Garvey, English 2001
John Morano, Communication 2002
Rekha Datta, Political Science 2003
Judith Nye, Psychology 2004
Michael Palladino, Biology 2005
Bruce Normandia, Curriculum and Instruction 2006
Richard Veit, History and Anthropology 2007
Kelly Ward, Social Work 2008
Joseph Patten, Political Science 2009
David Tripold, Music and Theatre Arts 2010
Nancy Mezey, Political Science and Sociology 2011
Gary Lewandowski, Psychology 2012
Vincent Dimattio, Art and Design 2013
James Mack, Biology 2014
Kenneth Mitchell, Political Science 2015
Massimiliano Lamberto, Chemistry and Physics 2016
James Konopack, School of Nursing and Health Studies 2017
Christopher DeRosa, History and Anthropology 2018
Lisa Dinella, Psychology 2019

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 Decision Sciences. 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:
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 2019 are:

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>Richard Veit, History and Anthropology</td>
<td>2019</td>
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<tr>
<td>Ann Nowick</td>
<td>1980</td>
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<tr>
<td>Carol Giroud</td>
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<td>Jack Christie</td>
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<td>George Smith</td>
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<td>Richard Steadman</td>
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<td>Alfred Brown</td>
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<td>Jane Freed</td>
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<td>Della Garrabrant</td>
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<td>Philip C. Donahue</td>
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<td>William T. Boylan</td>
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<td>Mary Abate</td>
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<td>Aldean Davis</td>
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<td>Rose Iovino</td>
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<td>Demetrius Markov</td>
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<td>C. Dale Haase</td>
<td>1993</td>
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<tr>
<td>Carol Neuer</td>
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<tr>
<td>Deanna Scherrer</td>
<td>1994</td>
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<tr>
<td>Sandra G. Epstein</td>
<td>1995</td>
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<td>Gertrude Murphy</td>
<td>1996</td>
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<td>Marilyn Parker</td>
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<td>Susan Kuykendall</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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<td>Thomas Murtha</td>
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<td>Ella Elizabeth Boyington</td>
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<td>Koorleen Minton</td>
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<td>Linda Silverstein</td>
<td>2005</td>
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<td>Franca Mancini</td>
<td>2006</td>
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<td>Annette Gough</td>
<td>2007</td>
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<td>Doreen Brown</td>
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<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>
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<td>Reenie Menditto</td>
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<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>
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<td>Datta Naik</td>
<td>2017</td>
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<tr>
<td>Danielle Schrama</td>
<td>2018</td>
</tr>
<tr>
<td>Rebecca Raffa</td>
<td>2019</td>
</tr>
</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>
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<td>Maureen Paparella</td>
<td>2003</td>
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<td>Patricia L. Swannack</td>
<td>2004</td>
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<td>Samuel A. Weir</td>
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<td>Saliba Sarsar</td>
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<td>Debbie Mellish</td>
<td>2007</td>
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<td>Mary Anne Nagy</td>
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<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>
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<td>Kristen Isaksen</td>
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<td>Kara Sullivan</td>
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<td>Corey Inzana</td>
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<td>Christine Benol</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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<tr>
<td>Gregory Viscomi</td>
<td>2017</td>
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<tr>
<td>Kathleen Stein</td>
<td>2018</td>
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<tr>
<td>William Hill</td>
<td>2019</td>
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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 site (http://www.turnitin.com).
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>
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<th>Date</th>
<th>Item</th>
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<tr>
<td>July 15</td>
<td>Fall Semester</td>
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<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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Qualified applicants are given consideration after these deadlines on a space-available basis.

Speech-Language Pathology

Master of Social Work (MSW)

June 15      Fall start only

Physician Assistant Program

January 15   Fall start only

Doctor of Education (EdD)

April 15     Fall start only

Athletic Training

February 1   Summer Start only

Graduate Program Admission Requirements for Program Consideration

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 Certificates:

- Human Resource Management
- 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.) and Optional tracks:

- Homeland Security
- Leadership
  1. Possession of a baccalaureate degree with a minimum 2.5 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 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: four to five pages of poetry, fiction, creative non-fiction, or drama writing.
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.)**

**Master of Arts in English with a Concentration in Rhetoric and 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 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. 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 baccalaureate 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, creative non-fiction, or drama writing
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.

*Students without the M.A. in English/Creative Writing Concentration must complete the graduate Creative Writing courses first and must submit the requirements above before beginning the 18 credit M.F.A. curriculum.*

**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. 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.

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 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, creative non-fiction, or drama writing
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

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.
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.
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: 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.

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

Optional tracks:

- Computer Networks
- Databases and Intelligent Information Systems
- Security of Information Systems

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 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, and
- Real Estate

Graduate Certificate in Accounting

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT 2,3 or
   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.

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
- Special Education

Special Education tracks include:

- Teacher of Students with Disabilities (TSD)
- Learning Disabilities Teacher Consultant (LDTC)
- Supervisor Endorsement or Autism/ABA

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

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) 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.
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 (http://catalog.monmouth.edu/graduate-catalog/graduate-admission/graduate-program-admission-requirements-program-consideration/%20https://www.asha.org/Certification/Course-Content-Areas-for-SLP-Standards).

Doctor of Education (Ed.D.)

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.

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.

R.N. to M.S.N. 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.

Master of Science Physician Assistant (M.S.)

1. Submit a completed Central Application Service for Physician Assistants (CASPA) application. Only applicants whose files are complete and verified by January 15 will be considered for admission. All supporting documents must also be received by January 15.
2. Possession of a baccalaureate degree from a regionally accredited college or university.
3. A minimum cumulative G.P.A. of 3.0 on a 4.0 scale from all institutions and a minimum 3.0 in prerequisite courses.
4. Successful completion of the following prerequisite courses with a grade of “C” or better: Human Anatomy and Physiology I and II; Chemistry I and Chemistry II; Biology I; Microbiology (all science courses must have laboratory component); General Psychology; and any one of the following math courses: precalculus, calculus, or statistics.
5. Students who received AP or IB credit for prerequisites must send scores directly to Monmouth University (the code for reporting scores to Monmouth is 2416).
6. A minimum of 200 documented hours of shadowing/volunteering/clinical work experience preferably with a PA with direct patient contact or volunteer hours exceeding the minimum of 200 hours documented by completed clinical hours documentation forms.
7. Complete the Graduate Record Examination (GRE) in the past five years. There is no specific score needed for consideration, however, competitive applicants have scores above the 50th percentile in each of the three areas; Verbal, Quantitative and Analytical Writing.
8. Signed Technical Standards Acknowledgement and a $50 Monmouth University application fee.
9. Personal interview with the Admissions Committee during which you are required to indicate that you have researched the profession and you can articulate why you want to be a PA.
10. Complete a background check prior to matriculation.

Master of Science in Athletic Training (M.S.)

1. All applicants must possess a bachelor’s degree from a regionally accredited college or university.
2. Applicants must have a cumulative grade point average (GPA) of 3.0 or above on a 4.0 scale and a minimum GPA of 3.0 in prerequisite courses.
3. Successfully complete the following prerequisite courses with a grade of “C” or better: Human Anatomy and Physiology (1 and 2), Biology, Chemistry, Physics, General Psychology, Medical Terminology, and Statistics. Note: all science courses must have a laboratory component.
4. A minimum of fifty (50) hours of shadowing/clinical experience under the direction of a certified and state licensed athletic trainer. Clinical observation hours must be complete upon matriculation.
5. Submit two recommendation forms (through ATCAS), with one from a certified athletic trainer with whom the student completed his/her shadowing/clinical experience.
6. Submit a letter of intent detailing their desire for entry into the M.S.A.T. at Monmouth University. The letter should include a description of how they became interested in the profession of athletic training and their goals for attaining and utilizing the degree in the future.
7. Possess essential skills, abilities, and aptitudes, known as technical standards necessary to complete the program’s curriculum. Applicants who can meet these requirements with reasonable accommodations are encouraged to contact the Department of Disability Services for Students, (dds@monmouth.edu) phone: 732-571-3460. The essential skills required include: Observation, Communication, Sensory and Motor, Intellectual-Conceptual, Integrative, and Quantitative Abilities, and Behavioral and Social Attributes.
8. Complete a personal interview with the M.S.A.T. Admissions Committee.
9. The profession of athletic training is concerned with the safety and well-being of all people. Athletic trainers work with diverse populations, who may be susceptible to abuse. State licensure and practice acts require that all licensed athletic trainers are compliant with federal/state background checks, fingerprints and in some cases random drug testing. Prior to matriculation: all students will satisfactorily complete a background check. Prior to Clinical Practice: all students are required to obtain fingerprints and health information/immunizations as required by each clinical site.

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.

Graduate Endorsements:
• School Nursing
• School Nursing - Non-Instructional

Graduate Certificate in Forensic Nursing

1. Possession of a baccalaureate degree with a minimum 2.75 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 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.

Graduate Endorsement: Student Assistance Coordinator
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.

Graduate Endorsement: English as a Second Language (ESL)
1. A bachelor’s degree (BA or BS) with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details).
2. A standard New Jersey Instructional Certificate or a CEAS. If the applicant is not a certified teacher, the applicant must hold a New Jersey Certificate of Eligibility and be employed in an ESL position requiring certification.

As an added part of an initial certificate program:
1. Admission into any of the Monmouth University Initial Teaching Certification Programs (MAT).

Graduate Endorsement: Early Childhood
1. The same as those listed for the Master of Science in Education. (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.)

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 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 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.

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.”

Students enrolled in the Monmouth University MSW Program who must complete sixty-credits will be able to transfer a maximum of thirty (30) 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.

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.

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 in 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.

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.

Application for Academic Amnesty
(See Academic Amnesty.)

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 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.

Applicants 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 that office 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)¹</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>
</tbody>
</table>
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>ESL School Partnerships</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>

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. 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/toefl.asp).

**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 Credentia 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 seventy-two credits will be allowed for undergraduates transferring from a two-year accredited institution; a maximum of ninety-six 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 Per Semester

Effective May 15, 2019, for the 2019 Summer Sessions, Fall, 2019 and Spring 2020 semesters.

Undergraduate

<table>
<thead>
<tr>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 - 18 credits</td>
<td>$19,440.00</td>
<td>($356.00)</td>
</tr>
<tr>
<td>Each credit in excess of 18</td>
<td>$1,126.00/credit</td>
<td>($356.00)</td>
</tr>
<tr>
<td>9 - 11.5 credits</td>
<td>$1,126.00/credit</td>
<td>($178.00)</td>
</tr>
<tr>
<td>Less than 9 credits</td>
<td>$1,126.00/credit</td>
<td>($178.00)</td>
</tr>
<tr>
<td>Auditor Program</td>
<td>$375.00/credit</td>
<td></td>
</tr>
<tr>
<td>Summer Session</td>
<td>$952.00/credit</td>
<td></td>
</tr>
</tbody>
</table>

Graduate

<table>
<thead>
<tr>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 or more credits</td>
<td>$1,233.00/credit</td>
<td>($356.00)</td>
</tr>
<tr>
<td>Less than 9 credits</td>
<td>$1,233.00/credit</td>
<td>($178.00)</td>
</tr>
<tr>
<td>Auditor Program</td>
<td>$412.00/credit</td>
<td></td>
</tr>
<tr>
<td>Summer Session</td>
<td>$1,245.00/credit</td>
<td></td>
</tr>
</tbody>
</table>

Senior Citizens (Undergraduate and Graduate)

<table>
<thead>
<tr>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 or more credits</td>
<td>$324.00/credit</td>
<td>($356.00)</td>
</tr>
<tr>
<td>Less than 9 credits</td>
<td>$324.00/credit</td>
<td>($178.00)</td>
</tr>
</tbody>
</table>

1 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>5,325.00</td>
<td></td>
</tr>
<tr>
<td>Double Room</td>
<td>4,206.00</td>
<td></td>
</tr>
<tr>
<td>Elmwood/Pinewood</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Room, small</td>
<td>4,114.00</td>
<td></td>
</tr>
<tr>
<td>Single Room</td>
<td>5,235.00</td>
<td></td>
</tr>
<tr>
<td>Double Room</td>
<td>4,151.00</td>
<td></td>
</tr>
<tr>
<td>Triple Room</td>
<td>3,113.00</td>
<td></td>
</tr>
<tr>
<td>Oakwood/Redwood</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Study Abroad

<table>
<thead>
<tr>
<th>Country</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double</td>
<td>5,000.00</td>
<td></td>
</tr>
<tr>
<td>Florence – Italy (room charge)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double – Fall</td>
<td>3,539.00</td>
<td></td>
</tr>
<tr>
<td>Double – Summer</td>
<td>1,134.00</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single</td>
<td>3,400.00</td>
<td></td>
</tr>
<tr>
<td>Double</td>
<td>3,000.00</td>
<td></td>
</tr>
<tr>
<td>Regent’s College – London (room charge)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single</td>
<td>7,785.00</td>
<td></td>
</tr>
<tr>
<td>Double</td>
<td>6,298.00</td>
<td></td>
</tr>
<tr>
<td>Triple</td>
<td>5,803.00</td>
<td></td>
</tr>
<tr>
<td>Macquarie University – Australia (single room)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single</td>
<td>5,999.00</td>
<td></td>
</tr>
<tr>
<td>Spain (Summer) (single room charge)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single</td>
<td>1,330.00</td>
<td></td>
</tr>
<tr>
<td>Turks &amp; Caicos</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Double 6,000.00

**School for Field Studies**
- Students wishing to participate in programs not listed, room and/or board rates will be based on rates charged by the host institution adjusted for the projected foreign exchange rate.

**Housing Contract Cancellation Fee** 500.00

**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>2,954.00</td>
<td></td>
</tr>
<tr>
<td>195 Meals plus points plan</td>
<td>3,116.00</td>
<td></td>
</tr>
<tr>
<td>225 Meals plus points plan</td>
<td>3,216.00</td>
<td></td>
</tr>
<tr>
<td>Carte Blanche Meal Plan</td>
<td>3,322.00</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 May 15, 2019. 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>
</tbody>
</table>

| Study Abroad Fee                                       | 135.00        |        |
| Returned Check Fee                                     | 25.00         |        |
| Cooperative Education Fee                              | 45.00         |        |
| Study Abroad Administration Fee - Fall or Spring       | 250.00        |        |
| Student Teacher Early Field Experience Fee             | 60.00         |        |
| Student Teaching Field Experience Fee                  | 300.00        |        |
| Clinical Laboratory and Practicum Fee                 | 300.00        |        |
| EdTPA Educator Preparation Voucher Fee                 | 300.00        |        |
| Portfolio Assessment Fees (per course)                 |               |        |
| Workshop                                               | 30.00         |        |
| Assessment per academic area                           | 225.00        |        |
| Credit by Examination Fees                             |               |        |
| Application Fee per course                             | 15.00         |        |
| Undergraduate per credit (1/3 cr. rate)                |               |        |
| Graduate per credit (1/3 cr. rate)                     |               |        |
| Summer Session Fees                                    |               |        |
| Workshop Fee per hour (refundable)                     | 35.00         |        |
| Study Abroad Administration Fee - Summer               | 125.00        |        |
| Summer Room Rates                                      |               |        |
| Residence Hall - per week                              | 241.00        |        |
| Garden Apartment - per week                            | 300.00        |        |
| Great Lawn Apartment - per week                        | 300.00        |        |
| University Bluffs Apartments – per week                 | 325.00        |        |
| Parking Fees                                           |               |        |
| Resident (per year)                                    | 350.00        |        |
| Resident (spring only)                                 | 175.00        |        |
| Late Registration (per year)                           | 50.00         |        |
| Diploma Replacement Fee                                | 50.00         |        |

1 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.
Explanations 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 statements will be sent electronically to students and authorized users designated by the student.


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 Account Center.”

A student who becomes delinquent in payments due during the year may be barred from classes. 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, the following plan is available as of April 1 for the upcoming school year. The University reserves the right to alter the programs accepted from time to time.

The following organization is not affiliated with Monmouth University, and any questions regarding the tuition plans should be directed to the address below:

Tuition Management Systems (http://www.afford.com/monmouth)
P.O. Box 842722
Boston, MA 02284-2722
Phone: 800-356-8329

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.
FINANCIAL AID

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 call or visit the Financial Aid Office to engage in this planning process. The office may be reached by phone at 732-571-3463, by e-mail (finaid@monmouth.edu), or in person in Wilson Hall, Room 108; appointments are not required.

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, 2018 for the 2019-20 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. 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) and are made 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. Award amounts vary as a function of the student’s entering cumulative grade point average and the number of registered credits each term. International candidates’ grade point averages are converted to the American grading system. All applicants for admission are automatically evaluated for scholarship eligibility; there is no separate application process. Awards are not made in combination with the following forms of assistance: tuition remission or exchange, Second Master’s Scholarships, Math/Science Educator Scholarships, and senior citizen tuition discounts. The Graduate Scholarship may be combined with graduate assistantships and 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. 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 the summer.

Second Master’s Scholarship

Partial-tuition scholarships are available to students who have completed a master’s degree program 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 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 graduate assistantships and 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.

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 course work 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 graduate assistantships and employer tuition reimbursement, but the value of the combined awards cannot not exceed the amount of tuition and fees (fees do not include books) assessed to the student’s account.

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.

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) and be admitted to a graduate program as a five year participant. 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.

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) to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. Students may receive a maximum of $8,000 in TEACH Grants for graduate studies. 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);
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 sponsored 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 6.08% for loans disbursed on or after July 1, 2019 and before June 30, 2020; 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, 2019, that fee is 4.236%. 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. Monmouth University Loan Funds may not be applied to costs associated with off-campus study (e.g., study abroad or study at the Washington Center). 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.

• Sign a TEACH Grant Agreement to Serve and complete an entrance counseling session.

• 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 7.08% for loans disbursed on or after July 1, 2019 and before June 30, 2020; 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, 2019, that fee is 4.236%. 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.
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. 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 encouraged 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. 48) 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, Wilson Hall, Room 210, 732-571-7550 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. In the determination of satisfactory academic progress, all course work is considered, 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. 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 appropriate 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 hours completed toward graduation but will be counted as attempted credits.
• **Maximum Time Frame:** Students must also meet the maximum time frame component of satisfactory academic progress. 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 the 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 eligibility. 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 documentable 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 federal government. Thus, the 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 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 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 federal government.

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 federal 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 federal government by the University and/or the student. The Financial Aid Office will notify and provide instructions to students who are required to return funds to the government.

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. Unsubsidized Direct 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 Monmouth determined that the student withdrew. The student must respond within fourteen days from the date that the University sends the notification to be 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. 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

Vice Provost: Michael A. Palladino, Ph.D.

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. 129),
- The School of Education (p. 147),
- The Wayne D. McMurray School of Humanities and Social Sciences (p. 59),
- The Marjorie K. Unterberg School of Nursing and Health Studies (p. 197),
- The School of Science (p. 107),
- The School of Social Work (p. 233).

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

Dean: Kenneth Womack, 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

Schools of Science

Deans: 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: Donald M. Moliver, 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

School of Nursing and Health Studies

Dean: Janet Mahoney, Ph.D.

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

- Nursing

Completion of the following program leads to a Master of Science in Athletic Training (M.S.A.T.):

- Athletic Training

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.)

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 transfer students is coordinated in the CSS. The Center administers the MEWS—Monmouth’s Early Warning System 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.

Many services and resources are available in the CSS to assist students with career exploration, career planning, part-time employment, cooperative education, internships, service learning opportunities, 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 Services. 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.

Academic Skills Services

Academic Skills 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, personalized academic assistance to all students of the University. Students may be referred by faculty members and advisors or may come voluntarily.

Content-specific tutoring by peer tutors is available in most academic disciplines. Faculty master tutors offer both one-on-one tutoring sessions and academic skills workshops on strategies for college success, such as organization and time management, note-taking and listening skills, college textbook reading strategies, and test-taking preparation. 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 workshops for students 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. 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

Accommodations and support services are available to students with learning disabilities and/or ADHD, visual or hearing impairments, physical disabilities, medical diagnoses and health conditions, and psychological/psychiatric diagnoses. Students with documented disabilities may request reasonable accommodations and auxiliary aids that will enable them to participate in programs and activities at Monmouth University. The Department of Disability Services (DDS) works with students who choose to register with the office, submit documentation that supports the request for accommodations, and self-disclose to professors every semester.

A variety of accommodations are available to students with disabilities who attend Monmouth University. These include, but are not limited to, extended time to complete exams, testing in a distraction-reduced or private setting, use of a calculator or computer with Microsoft Word, and access to digital media materials and assistive technology software.

In order to be eligible for reasonable academic accommodations, adequate and updated documentation of a student’s disability must be submitted to the DDS office. Documentation must include a specific diagnosis of a disability and support the particular academic accommodation(s) being requested. Students should contact the DDS office for particular documentation requirements or questions regarding eligibility or services.

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 support to a diverse collection of more than 400,000 monographs, e-Books, print journals, e-Journals (full text), media titles, microfilms, 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 email (referenc@monmouth.edu) or one-on-one consultation by appointment.

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
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
Wilson Hall, Room 210

Monmouth University
West Long Branch, NJ 07764-1898
Fax: 732-571-7573
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

GTAs cannot:
• Assign course grades or enter or submit course grades.
• Hold office hours as a replacement for faculty office hours.
• Be enrolled in courses for which they are assigned assistantship responsibilities.
• Provide direct instructional support in graduate courses.

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.

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 9 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.

Grades

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, B-</td>
<td>Strong performance (for undergraduate students); 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 &quot;W&quot; grade); or, in some instances, when an Incomplete grade is not changed by the end of the next regular semester (see &quot;I&quot; grade).</td>
</tr>
</tbody>
</table>

P | 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.).

R | 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.).

S | 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.

AU | 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.

T | 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.).
**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. Not available for thesis courses. For thesis courses that are graded on a Pass/Fail (P/F) scale, when the grade of "I" is assigned, the grade will be converted to "S". Similarly, in non-thesis courses graded on the P/F scale, when the grade of "S" is submitted, the grade will be converted to "I".

**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.).

**Grade points are awarded for each credit on the basis of grades as follows:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>P</td>
<td>0.00</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

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.

**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. On-demand or requested courses (e.g., independent studies) are not grade-repeatable in that the second grade cannot be used to calculate the cumulative G.P.A.

A course in which a grade of "B" or higher has been earned cannot be repeated.

**Grade Reports**

A grade report is emailed 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. All students are provided with a WebAdvisor student account through the University portal, myMU that enables them to view their grade reports online.

**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.

### 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 are provided with a WebAdvisor student account that is accessible from the Monmouth University student portal, myMU. All curriculum requirements can be found under the “academic audit” section.

### 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**

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,” 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.

**Graduate Academic Standing: D.N.P. Program**

A grade of “B” or better in each of the D.N.P. courses is required to satisfy the course work in the curriculum. The student 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 D.N.P. 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 with a new cohort should be filed with the director of the program. On approval, the student must meet with the academic advisor for a new program plan with a subsequent cohort. If a student earns less than a “B” in a repeated course, the student will be academically dismissed from the D.N.P. program. All courses must be completed with a grade of “B” or better before starting the capstone sequence. A student in the D.N.P. 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.

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. 49)” 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. 36).”

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” 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 GPA 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, GPA 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 Vice Provost 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 master’s 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 vice provost 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 the WebAdvisor student menu 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 doctrate 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 dean. If the school dean does not approve the substitution, the student may appeal that decision to the Provost. The Provost has final authority concerning the substitution.

Students should avoid processing substitution forms close to the time of graduation; instead, substitutions should be effected as warranted in academic planning sessions with academic advisors. Deadlines to submit substitutions for graduating students are provided on the “Registration Information” (https://www.monmouth.edu/registrar/
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.

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 sixty-credits will be able to transfer a maximum of thirty (30) 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 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 for 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, and,
3. the courses are judged appropriate by the program director for the degree program in which the student is matriculated at Monmouth University.

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. Students must follow the curriculum of the new major that is in effect at the time of the change of major.

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.aspx#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" 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" form on the Registrar’s homepage. Please allow five (5) days for processing, except during peak times when processing times may be delayed.

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

Transcripts may also be requested through the National Student 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:

<table>
<thead>
<tr>
<th>Station</th>
<th>Station Name</th>
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<tbody>
<tr>
<td>88.9</td>
<td>WMCM Monmouth University</td>
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<tr>
<td>92.7</td>
<td>WOBM Ocean County</td>
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<tr>
<td>94.3</td>
<td>WJLK Monmouth County The Point</td>
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<td>96.9</td>
<td>WFPG Atlantic City</td>
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<td>WMSQ Magic</td>
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<td>99.7</td>
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<td>98.5</td>
<td>WBBO Ocean County</td>
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<td>WKXW Trenton</td>
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<tr>
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<td>WKMK Thunder</td>
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<td>AM</td>
<td>WINS New York</td>
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<tr>
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</tr>
<tr>
<td>1310</td>
<td>WOBM Monmouth and Ocean Counties</td>
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<td>WHTG</td>
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<td>1450</td>
<td>WCTC New Brunswick</td>
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<td>Channel 4</td>
<td>WNBC news</td>
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<tr>
<td>Verizon Fios</td>
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</table>
University E-mail

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

- Grade reports
- Semester schedules
- Registration information
- Academic announcements
- Graduation deadlines
- Change-of-class notifications
- Academic standings

Additionally, several offices have centralized email accounts for communication, such as:

- Admission (admission@monmouth.edu)
- Bursar (bursar@monmouth.edu)
- Financial Aid (finaid@monmouth.edu)
- Library (referenc@monmouth.edu)
- Registrar (registrar@monmouth.edu)
THE WAYNE D. McMURRAY SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

Dean: Kenneth Womack, Ph.D.

Associate Dean: Michael Paul Thomas, M.F.A.

Associate Dean: Richard F. Veit, Ph.D.

The Wayne D. McMurray School of Humanities and Social Sciences offers twelve 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 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 is the Freed Chair in Social Science, occupied by Professor Rekha Datta of the Political Science/Sociology Department, it is endowed through a gift from the Gerald Freed Foundation. The Jules Plangere Jr. Chair in American History and Political Studies, occupied by Professor Katherine Parkin of the History and Anthropology Department, is endowed through a gift of Life Trustee Jules Plangere Jr. The McMurray-Bennett Endowed Chair in the Humanities is occupied by Professor Kristen Bluemel of the English Department.

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 archeology, 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. 63)
- M.A. in Anthropology - Non-Thesis Track (p. 63)

Certificates

- Graduate Certificate in Archaeology (p. 64)
- Graduate Certificate in Geographic Information Systems (http://catalog.monmouth.edu/graduate-catalog/wayne-d-mcmurray-humanities-social-science/anthropology/geographic-information-systems-certificate)

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. vdatovd@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

Stanton M. Green, Professor (Graduate Faculty). B.A., New York University; M.A., Ph.D., University of Massachusetts, Amherst. Professor Green is a specialist in Baseball and American Culture,
Archaeology, and Ireland. His research and teaching interests include questions of diversity in the United States, archeological methods and theory, and the application of Geographic Information Systems.
sgreen@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
aheinric@monmouth.edu

Richard F. Veit, Professor (Graduate Faculty). Associate 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.
rviet@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): None
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: Fall Term
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: Spring Term
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 bio-cultural 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/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-504 Ancient Civilizations of Native America Credits: 3
Term Offered: Fall Term
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.

AN-506 Historical Archaeology Credits: 3
Term Offered: Fall Term
Course Type(s): HSNW
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 various 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-513 Origin of Civilization and the State
Term Offered: All Terms
Course Type(s): None
Evolution of the ancient civilizations in China, Peru, Mexico, Mesopotamia, the Indus Valley, and Egypt. Emphasis on the causal processes underlying the development of these societies.

AN-520 Field Methods in Archaeology
Term Offered: All Terms
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
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: Fall 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: Fall Term
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
Term Offered: All Terms
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
Term Offered: All Terms
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-542 Economic Anthropology
Term Offered: Fall Term
Course Type(s): None
Examines human systems of production, distribution and consumption around the world - in short, cross-cultural economics. We consider how various economic systems differ from market capitalism, and therefore also analyze how capitalism itself operates on its periphery. We analyze the processes through which markets and money spread throughout the world, as well as their (often violent) interaction with local economic systems. As such, this inquiry raised fundamental questions about social inequality that we explore throughout the course, such as: Why are some people poor and others rich? How do people in different contexts understand these differences? How do economic disparities affect human desire, value, morality and choice?

AN-546 History of Maps and Mapping
Term Offered: All Terms
Course Type(s): None
Provides an introduction to the history of 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-550 Psychological Anthropology
Term Offered: All Terms
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-552 Ethnographic Methods
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-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-560 History of Maps and Mapping
Term Offered: All Terms
Course Type(s): None
Provides an introduction to the history of 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-562 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: All Terms
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: All Terms
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  Colonialism in Africa  Credits: 3
Term Offered: All Terms
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 HS-585.

AN-586  Pre-Columbian Civilizations: The Aztec and Inka States  Credits: 3
Term Offered: All Terms
Course Type(s): None
An intensive examination of the emergence, growth, and conquest of two native states from the ancient Americas: the Inka and the Aztec. Lectures and discussions examine the social, cultural, and political contexts of these two Native American states, while applying broader anthropological theories of state genesis, power apparatuses, and social transformation. Considers the causes and consequences of the Spanish and Portuguese conquests within the Americas through an intensive discussion of the establishment of colonial societies in the sixteenth century. Also will examine how the pre-Columbian and colonial history of this region are intimately linked to the contemporary politics of Latin American nations.

AN-587  Visual Anthropology  Credits: 3
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 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-595  Anthropology Internship/Practicum  Credits: 3
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  Credits: 3
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  Credits: 1-3
Term Offered: All Terms
Course Type(s): None
Reading and research leading to significant written work under the direction of a member of the anthropology faculty. Prior permission of the directing professor and department chair is required to take this course.

AN-691  Anthropology Thesis (Research)  Credits: 3
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)  
Credits: 3  
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  
Credits: 3  
Prerequisite(s): 23 graduate credits in Anthropology  
Term Offered: All Terms  
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 - Non-Thesis Track

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<td>AN-502</td>
<td>Seminar in Biological Anthropology</td>
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<tr>
<td>AN-503</td>
<td>Archaeological Theory</td>
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<td>AN-520</td>
<td>Field Methods in Archaeology</td>
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<td>AN-522</td>
<td>Ethnographic Methods</td>
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<td>AN-524</td>
<td>Introduction to Geographical Information Systems (GIS)</td>
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<td>AN-506</td>
<td>Historical Archaeology</td>
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<td>AN-513</td>
<td>Origin of Civilization and the State</td>
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<td>AN-533</td>
<td>Cultural Resource Management Practicum</td>
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<tr>
<td>AN-540</td>
<td>Psychological Anthropology</td>
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<td>AN-563</td>
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<td>AN-572</td>
<td>The History of Tourism</td>
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<td>Ecological Imperialism</td>
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<td>AN-532</td>
<td>Native American History and Prehistory</td>
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<td>AN-582</td>
<td>Applied Anthropology</td>
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<td>AN-585</td>
<td>Colonialism in Africa</td>
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<td>AN-587</td>
<td>Visual Anthropology</td>
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<tr>
<td>AN-595</td>
<td>Anthropology Internship/Pacticum</td>
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<tr>
<td>One AN-5xx Special Topics Class</td>
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</tbody>
</table>

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.

M.A. in Anthropology - Thesis Track

<table>
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<tr>
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<tr>
<td>AN-501</td>
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<td>AN-502</td>
<td>Seminar in Biological Anthropology</td>
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<td>Archaeological Theory</td>
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<tr>
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<tr>
<td>AN-520</td>
<td>Field Methods in Archaeology</td>
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<tr>
<td>AN-522</td>
<td>Ethnographic Methods</td>
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<tr>
<td>AN-524</td>
<td>Introduction to Geographical Information Systems (GIS)</td>
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<td>AN-506</td>
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<tr>
<td>AN-513</td>
<td>Origin of Civilization and the State</td>
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<tr>
<td>AN-533</td>
<td>Cultural Resource Management Practicum</td>
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<td>AN-562</td>
<td>History of Maps and Mapping</td>
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<td>One AN-5xx Special Topics Class</td>
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<tr>
<td>Thesis (6 credits)</td>
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<td>AN-691</td>
<td>Anthropology Thesis (Research)</td>
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<td>AN-692</td>
<td>Anthropology Thesis (Writing)</td>
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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

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<td>AN-503</td>
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</tr>
<tr>
<td>AN-532</td>
<td>Native American History and Prehistory</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives (6 credits)**
Select six credits from the following list

- AN-504 Ancient Civilizations of Native America (p. 69)
- AN-513 Origin of Civilization and the State
- AN-524 Introduction to Geographical Information Systems (GIS)
- AN-533 Cultural Resource Management Practicum
- AN-555 Ancient Technology
- AN-586 Pre-Columbian Civilizations: The Aztec and Inka States
- AN-595 Anthropology Internship/Practicum

**Total Credits** 18

**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.

**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. 69)
- M.A. in Communication (Thesis Track) (p. 70)

- M.A. in Communication with a Concentration in Interactive Digital Media (p. 70)
- M.A. in Communication with a Concentration in Strategic Public Relations and Social Media (Non-Thesis Track) (p. 71)
- M.A. in Communication with a Concentration in Strategic Public Relations and Social Media (Thesis Track) (p. 71)

**Certificates**

- Public Service Communication Certificate (p. 69)
- Human Resources Management and Communication Certificate (p. 69)

**Programs**

**Masters**

- M.A. in Communication (Non-Thesis Track) (p. 69)
- M.A. in Communication (Thesis Track) (p. 70)
- M.A. in Communication with a Concentration in Interactive Digital Media (p. 70)
- M.A. in Communication with a Concentration in Strategic Public Relations and Social Media (Non-Thesis Track) (p. 71)
- M.A. in Communication with a Concentration in Strategic Public Relations and Social Media (Thesis Track) (p. 72)

**Certificates**

- Human Resources Management and Communication (p. 69)
- Graduate Certificate Public Service Communication (p. 69)

**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.

rcox@monmouth.edu

**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.

cdoll@monmouth.edu

**Eleanor Novek**, 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.

enovek@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.
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**
Term Offered: All Terms
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**
Term Offered: All Terms
Course Type(s): None
Communication Comprehensive Exam This is a pass/fail course.

**CO-501  Communication Theories for Professional Life**
Term Offered: Spring Term
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**
Term Offered: Fall Term
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**
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**
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-505  Interpersonal Communication**
Term Offered: All Terms
Course Type(s): None
An examination of the theories, models, elements, and processes of dyadic communication with emphasis on relationship development. The concepts, principles, and practices of interpersonal communication will be applied to selected interpersonal contexts, such as first encounters, marriage, family, friendship, professional, and business settings.

**CO-506  The Mass Media and Contemporary Values**
Term Offered: All Terms
Course Type(s): None
An analysis of the products of television, cinema, and the print media as they relate to lifestyle, morality, and social behavior in America. Such problems as individuality in a mass society, the power of deity and religions, the decline of family, sexual behavior, and anti-intellectualism will be explored within the framework of intensive media study.

**CO-507  Organizational Communication**
Term Offered: All Terms
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**
Term Offered: Fall Term
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.
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.

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.

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.

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.

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.

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.

A study of the historical and contemporary theoretical approaches and empirical research in the persuasive process. An examination of how information diffuses throughout and affects a socio-cultural system. Attention focused on the emergence, maintenance, and change of attitudes and values. Case study analysis and practicum in social marketing.

An examination of the shifting nature of public opinion, the agenda-setting role of mass media, and the survey methods that are employed to determine public opinion. The practices, values, and traditions of journalism that impact public opinion. Experience with the conduct of a survey and analysis of case studies.

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. Also listed as PS-525.

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.
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CO-527</td>
<td>Crisis and Issues Management</td>
<td>3</td>
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</table>
| Term Offered: All Terms  
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-530     | Mass Media, Public Interest, Corporation Profit  | 3       |
| Term Offered: All Terms  
Course Type(s): None | | |
| Undertakes a critical examination of the relationship between the citizens of the United States, the increasingly corporate, electronic mass media, and American laws and policies that attempt to regulate it. Students will gain an understanding of the historical context behind the contemporary media policy environment and will examine the challenge faced by citizens, regulators, and broadcasters in determining how the media should operate "in the public interest.” | |
| CO-532     | Global Media and New Technologies                | 3       |
| Term Offered: All Terms  
Course Type(s): None | | |
| An examination of the interlinked world of international mass media systems and media technologies; how societies and nations are both connected and divided by communication methods, technologies, national and international policies, and cultural expression. Students will examine the variety of models of electronic media around the globe and investigate the influence of national and international policy decisions on sovereign nations and indigenous culture, particularly in light of the constant advances of emerging media technologies. | |
| CO-540     | Organizational Training and Consulting           | 3       |
| Term Offered: All Terms  
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       | 3       |
| Term Offered: Spring Term  
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 Digital Media Seminar                | 3       |
| Term Offered: All Terms  
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                 | 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     | Interactive Digital Media Praxis                 | 3       |
| Term Offered: All Terms  
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             | 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                         | 3       |
| Term Offered: Fall Term  
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-590     | Special Problems                                 | 1-3     |
| Term Offered: All Terms  
Course Type(s): None | | |
| For students capable of developing and pursuing a problem independently through research, conferences, and activities. Problem chosen by the student with the consent of the graduate program director and supervision of a graduate professor. To be approved, this independent study must target a problem that relates to the nature of the student’s graduate program focus. May be taken for one, two, or three credits and repeated in subsequent semesters until three credits are earned. Does not substitute for CO-599. | |

Monmouth University
CO-592 Interactive Storytelling with Data

Term Offered: All Terms
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.

CO-595 Graduate Internship in Communication

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

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

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

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 research study in consultation with a faculty thesis advisor. Students 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, rationale 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-692 Communication Thesis

Prerequisite(s): CO-691
Term Offered: All Terms
Course Type(s): None

A two-semester sequence of an independent research study in consultation with a faculty thesis advisor. Students 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, rationale 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

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

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

Prerequisite(s): CO-562, CO-563, CO-564, BM-512, SE-517, completion of three additional graduate level communication credits and permission of the instructor
Term Offered: All Terms
Course Type(s): TPS

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.
Certificate in Human Resources Management and Communication

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CO-507</td>
<td>Organizational Communication</td>
<td>3</td>
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<tr>
<td>BM-635</td>
<td>Human Resource and Organizational Development</td>
<td>3</td>
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</tbody>
</table>

Select four of the following: 12

- CO-505 Interpersonal Communication
- CO-508 Presentational Communication: Design and Delivery
- CO-510 Global Communication and Public Relations
- CO-512 Intercultural Communication and Diversity Management
- CO-514 Conflict Management and Negotiation
- CO-540 Organizational Training and Consulting
- CO-584 Leadership Communication
- CO-595 Graduate Internship in Communication

**Total Credits**: 18

1 Strongly recommended for students with less than one year of professional experience

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-CPE</td>
<td>Communication Comprehensive Exam</td>
<td>0</td>
</tr>
</tbody>
</table>

Electives

Select 12 Credits from the following list: 12

- CO-505 Interpersonal Communication
- CO-507 Organizational Communication
- CO-508 Presentational Communication: Design and Delivery
- CO-509 Communication, Culture, and Community
- CO-510 Global Communication and Public Relations

Total Credits: 18

1 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.

M.A. in Communication (Non-Thesis Track)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-501</td>
<td>Communication Theories for Professional Life</td>
<td>3</td>
</tr>
<tr>
<td>CO-502</td>
<td>Research Methods for Professional Life</td>
<td>3</td>
</tr>
<tr>
<td>CO-503</td>
<td>Graduate Foundations in Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Capstone

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-CPE</td>
<td>Communication Comprehensive Exam</td>
<td>0</td>
</tr>
</tbody>
</table>

Electives

Select 21 Credits in Communication (CO): 21

- CO-505 Interpersonal Communication
- CO-507 Organizational Communication
- CO-508 Presentational Communication: Design and Delivery
- CO-509 Communication, Culture, and Community
- CO-510 Global Communication and Public Relations
M.A. in Communication (Thesis Track)

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-501</td>
<td>Communication Theories for Professional Life</td>
<td>3</td>
</tr>
<tr>
<td>CO-502</td>
<td>Research Methods for Professional Life</td>
<td>3</td>
</tr>
<tr>
<td>CO-503</td>
<td>Graduate Foundations in Communication</td>
<td>3</td>
</tr>
<tr>
<td>CO-691</td>
<td>Communication Thesis Proposal</td>
<td>3</td>
</tr>
<tr>
<td>or CO-693</td>
<td>Communication Project Proposal</td>
<td></td>
</tr>
<tr>
<td>CO-692</td>
<td>Communication Thesis</td>
<td>3</td>
</tr>
<tr>
<td>or CO-694</td>
<td>Communication Project</td>
<td></td>
</tr>
<tr>
<td>Select 15 credits in Communication (CO):</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>CO-505</td>
<td>Interpersonal Communication</td>
<td></td>
</tr>
<tr>
<td>CO-507</td>
<td>Organizational Communication</td>
<td></td>
</tr>
<tr>
<td>CO-508</td>
<td>Presentational Communication: Design and Delivery</td>
<td></td>
</tr>
<tr>
<td>CO-509</td>
<td>Communication, Culture, and Community</td>
<td></td>
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<tr>
<td>CO-510</td>
<td>Global Communication and Public Relations</td>
<td></td>
</tr>
<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
<td></td>
</tr>
<tr>
<td>AR-597</td>
<td>Fine Art/Design Studio</td>
<td></td>
</tr>
<tr>
<td>CO-510</td>
<td>Global Communication and Public Relations</td>
<td></td>
</tr>
<tr>
<td>CO-511</td>
<td>Strategic Digital Communication</td>
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</table>

Electives (12 credits)

Select 12 credits from the following list:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>CO-562</td>
<td>Interactive Digital Media Seminar</td>
<td>3</td>
</tr>
<tr>
<td>CO-563</td>
<td>Interactive Digital Media Studio</td>
<td>3</td>
</tr>
<tr>
<td>CO-564</td>
<td>Interactive Digital Media Praxis</td>
<td>3</td>
</tr>
<tr>
<td>SE-517</td>
<td>Engineering Web-Based Systems</td>
<td>3</td>
</tr>
<tr>
<td>BM-512</td>
<td>Entrepreneurship and Innovation</td>
<td>3</td>
</tr>
<tr>
<td>CO-695</td>
<td>Interactive Digital Media Thesis Project</td>
<td>3</td>
</tr>
<tr>
<td>CO-511</td>
<td>Strategic Digital Communication</td>
<td>3</td>
</tr>
</tbody>
</table>
Monmouth University

CO-516  Public Relations and Fundraising for Nonprofits
CO-526  Advanced Public Relations Planning
CO-532  Global Media and New Technologies
CO-561  Message Construction: Audio, Video and Web
CO-592  Interactive Storytelling with Data
CO-595  Graduate Internship in Communication
Communication 500-level Independent Study

Total Credits 30

1  An elective taken outside of the Department of Communication may be substituted for a Communication elective.

Sequence Chart

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-562 Interactive Digital Media Seminar</td>
<td>3</td>
<td>CO-563 Interactive Digital Media Studio</td>
<td>3</td>
</tr>
<tr>
<td>SE-517 Engineering Web-Based Systems</td>
<td>3</td>
<td>BM-512 Entrepreneurship and Innovation</td>
<td>3</td>
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<tr>
<td>AR/BM/CO/SE Elective</td>
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<td>AR/BM/CO/SE Elective</td>
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<tr>
<td>Semester Credits</td>
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<td>Semester Credits</td>
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Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-564 Interactive Digital Media Praxis</td>
<td>3</td>
<td>CO-595 Interactive Digital Media Thesis Project</td>
<td>3</td>
</tr>
<tr>
<td>AR/BM/CO/SE Elective</td>
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<td>AR/BM/CO/SE Elective</td>
<td>3</td>
</tr>
<tr>
<td>Semester Credits</td>
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<td>Semester Credits</td>
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</table>

Total Credits 30

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 Strategic Public Relations and Social Media (Non-Thesis Track)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-501</td>
<td>Communication Theories for Professional Life</td>
<td>3</td>
</tr>
</tbody>
</table>

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 Strategic Public Relations and Social Media (Thesis Track)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-501</td>
<td>Communication Theories for Professional Life</td>
<td>3</td>
</tr>
<tr>
<td>CO-502</td>
<td>Research Methods for Professional Life</td>
<td>3</td>
</tr>
<tr>
<td>CO-503</td>
<td>Graduate Foundations in Communication</td>
<td>3</td>
</tr>
<tr>
<td>CO-504</td>
<td>Principles of Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>CO-511</td>
<td>Strategic Digital Communication</td>
<td>3</td>
</tr>
<tr>
<td>CO-526</td>
<td>Advanced Public Relations Planning</td>
<td>3</td>
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Capstone: Select Thesis or Project:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-691</td>
<td>Communication Thesis Proposal</td>
<td>3</td>
</tr>
<tr>
<td>or CO-693</td>
<td>Communication Project Proposal</td>
<td></td>
</tr>
<tr>
<td>CO-692</td>
<td>Communication Thesis</td>
<td>3</td>
</tr>
<tr>
<td>or CO-694</td>
<td>Communication Project</td>
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</table>

Electives:

Select 6 credits of Communication (CO)  

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-507</td>
<td>Organizational Communication</td>
<td></td>
</tr>
<tr>
<td>CO-508</td>
<td>Presentational Communication: Design and Delivery</td>
<td></td>
</tr>
<tr>
<td>CO-509</td>
<td>Communication, Culture, and Community</td>
<td></td>
</tr>
<tr>
<td>CO-510</td>
<td>Global Communication and Public Relations</td>
<td></td>
</tr>
<tr>
<td>CO-516</td>
<td>Public Relations and Fundraising for Nonprofits</td>
<td></td>
</tr>
<tr>
<td>CO-520</td>
<td>Communication Ethics</td>
<td></td>
</tr>
<tr>
<td>CO-524</td>
<td>Public Opinion and Media</td>
<td></td>
</tr>
<tr>
<td>CO-527</td>
<td>Crisis and Issues Management</td>
<td></td>
</tr>
<tr>
<td>CO-532</td>
<td>Global Media and New Technologies</td>
<td></td>
</tr>
<tr>
<td>CO-561</td>
<td>Message Construction: Audio, Video and Web</td>
<td></td>
</tr>
<tr>
<td>CO-565</td>
<td>Special Event Planning and Promotion</td>
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</tr>
<tr>
<td>CO-595</td>
<td>Graduate Internship in Communication</td>
<td></td>
</tr>
</tbody>
</table>

Communication 500-Level Independent Study

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.
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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

Leadership Track

Within our M.A. in Criminal Justice, we offer two 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 a track in Leadership, which 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. 78)
• M.A. in Criminal Justice - Homeland Security Track (p. 78)
• M.A. in Criminal Justice - Leadership Track (p. 78)

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.

shcunnin@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.

pliu@monmouth.edu

Brian Lockwood, Associate Professor (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**
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**
Term Offered: Fall Term
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**
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**
Term Offered: All Terms
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**
Term Offered: All Terms
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**
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**
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**
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**
Term Offered: All Terms
Course Type(s): None
This course explores the theory and applications 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**
Term Offered: All Terms
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**
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**
Term Offered: All Terms
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.
and obstacles to improving training and split-second decision making. 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.

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.

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.

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.

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.

An analysis 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.

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.

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.

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.

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.

Utilizing modern investigative technology in terroristic crime scenes; specialized evidence collection; role of crime scene manager.

Focus on the practical and theoretical aspects of preparing for, and dealing with, incidents involving weapons of mass destruction. Analysis of the intelligence approaches to reduce such an event.
CJ-650 Cyberterrorism
Term Offered: Spring Term
Course Type(s): None
Explores how new technology throughout the world has contributed to terrorist 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
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 predictors of maladaptive/pathological response, and the biological correlates of criminal behavior. Also listed as HLS-662.

CJ-691 Criminal Justice Thesis I
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
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
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
Term Offered: Fall Term
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.

HLS-CPE Homeland Security Comprehensive Examination
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
Term Offered: All Terms
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
Term Offered: All Terms
Course Type(s): OL
Overview of homeland security basic management concepts, issues contributing to terrorist acts, and critical analysis of terrorist activities.

HLS-620 Terrorism: Causes and Consequences: The Unconventional Threat
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: All Terms
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: All Terms
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 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  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 predictors 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 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  Credits: 3
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640
Term Offered: All Terms
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
Term Offered: All Terms
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  Credits: 3  
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  Credits: 3  
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  Credits: 3  
Prerequisite(s): HLS-690  
Term Offered: All Terms  
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  Credits: 3  
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

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CJ-502</td>
<td>Advanced Criminology</td>
<td>3</td>
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<tr>
<td>CJ-525</td>
<td>Applied Data Analysis in Criminal Justice</td>
<td>3</td>
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<tr>
<td>CJ-530</td>
<td>Criminal Justice Policy</td>
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<tr>
<td>CJ-545</td>
<td>Seminar: Ethics, Law, and Society</td>
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<tr>
<td>CJ-572</td>
<td>Civil Rights and Liberties</td>
<td>3</td>
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<tr>
<td>CJ-695</td>
<td>Knowledge into Practice: Criminal Justice Capstone Course</td>
<td>3</td>
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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 2.5 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

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<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>HLS-602</td>
<td>Theoretical Approaches to Homeland Security</td>
<td>3</td>
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<tr>
<td>CJ-525</td>
<td>Applied Data Analysis in Criminal Justice</td>
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<tr>
<td>CJ-535</td>
<td>Evaluation Strategies for Criminal Justice</td>
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<td>Terrorism: Causes and Consequences: The Unconventional Threat</td>
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<td>Homeland Security Intelligence</td>
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<td>Interdisciplinary Approach to Homeland Security</td>
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<tr>
<td>HLS-650</td>
<td>Cyber Security</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
1. Possession of a baccalaureate degree with a minimum 2.5 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.

English

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

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.
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.

Programs

Masters

- M.A. in English: Literature Concentration (p. 84)
- M.A. in English: Creative Writing Concentration (p. 84)
- M.A. in English: Rhetoric and Writing Concentration (p. 84)

Master of Fine Arts

- M.F.A. in Creative Writing (p. 85)

Faculty

Mary Kate Azcuy, Associate Professor (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

Melissa Febos, Associate Professor (Graduate Faculty). M.F.A., Sarah Lawrence College. Specialty is creative nonfiction, with additional interests in fiction, poetry, contemporary American literature, and women’s studies.

mfebos@monmouth.edu

Alex Gilvarry, Assistant Professor (Graduate Faculty). M.F.A., Hunter College. Specialty is creative writing, fiction.

agilvarr@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.

jphaney@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.

jejackso@monmouth.edu

Patrick Love, Assistant Professor (Graduate Faculty). B.A., Western Michigan University; M.A., Ph.D., Purdue University. University; M.A., Ph.D., Purdue University. Research interests include Rhetoric and Composition, Professional and Technical Writing, Digital Rhetoric and Game Studies, Writing Program Administration and Writing Across the Curriculum.

plove@monmouth.edu

Mihaela Moscaliuc, Associate Professor (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. Areas of specialty include immigrant literature, postcolonial studies, translational studies, and poetry writing.

mmoscali@monmouth.edu

Lisa Vetere, Associate Professor (Graduate Faculty). B.A., Siena College; M.A., St. Bonaventure University; Ph.D., Lehigh University. Specialty is Antebellum American literature and culture, with an emphasis on cultural studies and feminist and psychoanalytical theory.

lvetere@monmouth.edu
Michael G. Waters, Professor (Graduate Faculty). B.A., M.A., State University of New York; M.F.A., University of Iowa; Ph.D., Ohio University. Specialties are creative writing, poetry, and American Literature.
mgwaters@monmouth.edu

Courtney Werner, Assistant Professor (Graduate Faculty). B.A., Moravian College and Theological Seminary; M.A., Texas State University; Ph.D., Kent State University. Specialties are composition and rhetoric, new media, and multi-modal learning.
cwerner@monmouth.edu

Kenneth Womack, Professor (Graduate Faculty).
Dean, School of Humanities and Social Sciences. B.A., Texas AM University; M.A., Texas AM University/Moscow Institute of Communication, U.S.S.R.; Ph.D., Northern Illinois University. Dr. Womack’s areas of professional interest include the Beatles, twentieth-century British literature, and creative writing. He serves as Editor of Interdisciplinary Literary Studies: A Journal of Criticism and Theory, published by Penn State University Press, and Co-Editor of the English Association’s Year’s Work in English Studies, published by Oxford University Press.
kwomack@monmouth.edu

Courses

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: All Terms
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: Fall Term
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: All Terms
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: Spring Term
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: Fall 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: All Terms
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 Credits: 3
Term Offered: Fall 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 Credits: 3
Term Offered: All Terms
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 Credits: 3
Term Offered: Fall Term
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 Credits: 3
Term Offered: All Terms
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 Credits: 3
Term Offered: Fall Term
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 Credits: 3
Term Offered: Fall Term
Course Type(s): EN.4, EN.RW
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 Credits: 3
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 Credits: 3
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 Credits: 3
Term Offered: All Terms
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 Credits: 3
Term Offered: All Terms
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 Credits: 3
Term Offered: All Terms
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-566 Definitions of Contemporary Rhetoric Credits: 3
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-567 Modern American Literature Credits: 3
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-568 Women in Literature Credits: 3
Term Offered: Spring Term
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 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. If a prerequisite is required it will be announced in the course schedule.

EN-599 Independent Study in English Credits: 3
Term Offered: All Terms
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 Credits: 3
Term Offered: Spring Term
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 Seminar in Creative Writing: Fiction Credits: 3
Term Offered: Fall Term
Course Type(s): EN.CW
Students will analyze in a workshop setting readings in both American and World fiction to observe techniques in craft and present their own short stories for intensive examination by workshop participants. This course may be retaken for credit.

EN-613 Seminar in Creative Writing: Playwriting Credits: 3
Term Offered: All Terms
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
Term Offered: Summer Term
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: Fall 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 full-time faculty member. A minimum of six face-to-face meetings are required; bi-weekly meetings are the norm. The manuscript will consist of at least forty pages of poetry or prose, or approximately eighty pages of drama, half of which may be work begun in previous graduate creative writing courses and substantially revised for this course. The manuscript will include a three to five-page Introduction. In addition, a twenty-item annotated bibliography of at least twenty pages must be submitted. 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: All Terms
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 in Creative Writing Credits: 3
Term Offered: All Terms
Course Type(s): None
Intensive study of advanced creative writing craft techniques. Genre and seminar topics vary by professor. Repeatable once for credit.

EN-655A MFA Creative Thesis Seminar Credits: 3
Prerequisite(s): EN-615 and EN-607 or EN-609 or EN-611 or EN-613
Term Offered: All Terms
Course Type(s): None
A two-semester capstone project for the MFA program under the guidance of two faculty readers, culminating in a substantial creative project of 100 pages or the equivalent of a book-length manuscript. The first reader must be an MFA faculty member, the second reader a member of the Creative Writing faculty.

EN-655B MFA Creative Thesis Seminar II Credits: 3
Prerequisite(s): EN-655A and 39 credits in English
Term Offered: All Terms
Course Type(s): None
Part II of a two-semester capstone project for the MFA program under the guidance of two faculty readers, culminating in a substantial creative project of 100 pages or the equivalent of a book-length manuscript. The first reader must be an MFA faculty member, the second reader a member of the Creative Writing faculty.

EN-674 Professional Research with Service Learning Credits: 3
Term Offered: All Terms
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 thesis advisor who is a member of the English Graduate faculty in consultation with another full-time faculty member. A minimum of six face-to-face meetings are required; bi-weekly meetings are the norm. 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 review of recent scholarship. A student who wishes to complete Thesis Development in Summer must register in Session C, and then only with a Thesis Advisor in residence for the majority of the term and with permission of the Graduate Program Director.

EN-692  English Thesis Writing  Credits: 3
Prerequisite(s): EN-691, completion of 21 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 thesis advisor who is a member of the English Graduate faculty. A minimum of six face-to-face meetings are required; bi-weekly meetings are the norm. The thesis must comprise of between thirty and sixty pages (not including works cited) and will be evaluated by the thesis advisor in consultation with another full-time faculty member. 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-699  Independent Study in English  Credits: 3
Term Offered: All Terms
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.
M.A. in English: Creative Writing Concentration

<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>
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<tr>
<td></td>
<td>Literature Before 1800 (3 credits)</td>
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<td></td>
<td>Select one course designated with the Course Type: EN.1</td>
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<tr>
<td></td>
<td>Literature After 1800 (3 credits)</td>
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<td></td>
<td>Select one course designated with the Course Type: EN.2</td>
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<tr>
<td></td>
<td>Ethnic, Multicultural and World Literatures (3 credits)</td>
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<td></td>
<td>Select one course designated with the Course Type: EN.3</td>
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<tr>
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<td>Course Type: EN.CW (may be repeated for credit)</td>
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<td>EN-644</td>
<td>Manuscript Seminar</td>
<td>3</td>
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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. 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

<table>
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<tr>
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<tr>
<td>EN-502</td>
<td>Seminar in Literary Research</td>
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<td>Literature Before 1800 (3 credits)</td>
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<td>Ethnic, Multicultural and World Literatures (3 credits)</td>
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<td>Select one course designated with the Course Type: EN.3</td>
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<td></td>
<td>Language and Theory (3 credits)</td>
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<td>Electives (9 credits)</td>
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<td>Select three additional English courses at the 500+ level, two of which must be designated with the Course Type: EN.LT</td>
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<td>Thesis or Capstone (6 credits)</td>
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<td>EN-691</td>
<td>English Thesis Development</td>
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<td>Or for Capstone, 500+ level English course with course type EN.RW and:</td>
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<td>EN-692</td>
<td>English Thesis Writing</td>
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<td>Total Credits</td>
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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. 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

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<td>EN-655A</td>
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</tr>
<tr>
<td>EN-655B</td>
<td>MFA Creative Thesis Seminar II</td>
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<td>Elective, one course from among:</td>
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<td>Select one additional 500+ Level Course Designated</td>
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<tr>
<td>EN-650</td>
<td>Internship Seminar</td>
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<td>Total Credits</td>
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</table>

1 May be repeated once for credit.

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, 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.

In either the third semester of the M.A. course of study, or after 18 credits, the M.F.A. candidates will submit to the M.F.A. Program Director a letter of intent to continue study toward the M.F.A. after the conferral of the M.A. degree. This letter should provide reflection on study already completed, potential M.F.A. thesis projects, and Professional Preparation track interests. Only students who have submitted this letter, have an overall GPA of 3.25, and have been approved by the Program Director will continue.

Students applying for the third-year M.F.A. degree program only:

- Possession of a Master’s degree in English with a minimum 3.25 overall GPA, at least twelve (12) credits in Creative Writing, and a creative thesis or its equivalent.
- An application essay of 1,000 words describing their interest in creative writing, what they hope to accomplish in the program, and how they think the program will fit into their academic and career goals.
- A creative writing sample of twenty (20) pages.
- Two letters of recommendation.

Non-Creative Writing M.A. Bridge Program

The Bridge Program will allow the admission of qualified graduates of the M.A. in English Literature or Rhetoric Concentrations. Students will be required to submit the same application but are required to indicate that they have an M.A. without a Creative Writing Concentration. If they are qualified in all other ways by the strength of their work sample, GPA, and recommendations, they will be provisionally accepted. They must then successfully complete (grades of “B” or higher) the 15 required creative writing credits before they continue with the coursework outlined in the 18-credit M.F.A. curriculum.

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. 91)
- M.A. in History · Non-Thesis Track (p. 91)
- M.A. in History, European Specialization · Thesis Track (p. 93)
- M.A. in History, European Specialization · Non-Thesis Track (p. 92)
- M.A. in History, United States Specialization · Thesis Track (p. 94)
- M.A. in History, United States Specialization · Non-Thesis Track (p. 93)
- M.A. in History, World Specialization · Thesis Track (p. 95)
- M.A. in History, World Specialization · Non-Thesis Track (p. 94)

Graduate Certificates

- Graduate Certificate in Geographic Information Systems (GIS) (p. 91)

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.

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.
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 McKitrick, Associate Professor (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. fmckitri@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, Associate 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 Schmelzko, 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: Spring Term  
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: Spring Term  
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: Fall Term  
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: Fall Term  
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: Fall Term  
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: Fall 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-510  Seminar in American History**  
Term Offered: All Terms  
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**  
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-516 Readings on Populism and Progressivism in America  Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
A critical analysis of the reform impulses of the late nineteenth and early twentieth centuries with an emphasis on the various schools of interpretation.

HS-517 Readings on Modern America, 1933-Present  Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
Readings of pertinent historical literature (monographs and journal articles) dealing with United States history since the administration of F.D. Roosevelt.

HS-518 United States Family History  Credits: 3
Term Offered: Fall 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-520 Field Methods Arch  Credits: 3
Term Offered: Summer 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 AN-520.

HS-521 "All the Livelong Day": The Meaning of Work in Modern America  Credits: 3
Term Offered: Fall Term
Course Type(s): HSUS
Examination of content changes in the meaning of work in America through the twentieth century.

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. Also listed as PS-522.

HS-524 Twentieth Century United States Political History  Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
Examines the twentieth century evolution of liberalism and conservatism, campaigns and elections, and congress and the presidency; considers critical elections, consensus and dissent, and the status of political rights through the progressive period, the Republican ascendancy, the New Deal, the Second World War, the Cold War, and Post-Cold War period.

HS-525 World War II  Credits: 3
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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: All Terms
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
Term Offered: All Terms
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: Fall 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: Fall Term
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 AN-532.

HS-533 The History of Public Policy in the United States
Term Offered: Fall Term
Course Type(s): HSUS
The objective is to survey major issues in domestic public policy. The emphasis is on changes in the process of policy formation in both the public and private sectors. Also listed as PS-533.

HS-535 The Renaissance
Term Offered: All Terms
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: Summer 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-541 Graduate Seminar in European History
Term Offered: All Terms
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: Spring Term
Course Type(s): HSEU
The causes of the Revolution; its relationship to the Enlightenment; the political, economic, social, and cultural consequences of the moderate phase and of the Terror.

HS-544 The German Empire, 1871-1914
Term Offered: All Terms
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: All Terms
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: Fall Term
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: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
Course Type(s): HSEU
Credits: 3
Selected topics in modern English and British history, with emphasis on techniques of historical research.

HS-553 Tudor-Stuart England
Term Offered: Fall Term
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-559 Twentieth Century Russia and the Soviet Union
Term Offered: Fall 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: All Terms
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: Spring Term
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
Term Offered: All Terms
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-575 Civilization of the Andes
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Credits: 3
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; rural migration and the transformation of contemporary Andean society. Theoretical exploration of the developmental trajectory of Andean civilization. Also listed as AN-575.

HS-581 Seminar in East Asian History
Term Offered: Fall 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-585 Colonialism in Africa
Term Offered: All Terms
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-587 Nationalism in Africa
Term Offered: Fall 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: Fall Term
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  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  Graduate Seminar in the Modern History of Islamic Peoples  Credits: 3
Term Offered: All Terms
Course Type(s): HSNW
Selected topics in Islamic history in the Middle East, North Africa, and some areas of the Balkan Peninsula; political, social, and intellectual change, the rise of nation states, and cultural interaction with the West.

HS-595  History Internship/Practicum  Credits: 3
Prerequisite(s): Completion of twelve credits
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 public history, historical archeology and anthropology and regional geography.

HS-598  Special Topics in History  Credits: 3
Term Offered: All Terms
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)

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<td>Introduction to Geographical Information Systems (GIS)</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 12

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

<table>
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<td>HS-CPE</td>
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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

<table>
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<th>Semester</th>
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M.A. in History - Thesis Track

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.

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M.A. in History - Thesis Track

Students interested in pursuing the thesis option must consult with the department before submitting the e-FORM to change their program.

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.
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

<table>
<thead>
<tr>
<th>Fall</th>
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Second Year

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<td>HS-590 History Master's Thesis</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

<table>
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<td>HS-501</td>
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European Specialization (27 credits)

<table>
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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 - Thesis Track**

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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**European Specialization (21 credits)**

Select 5 History (HS) courses designated with Course Type: HSEU

Select one U.S. History (HS) course designated with Course Type: HSUS

Select one World or Non-Western course designated with Course Types: HSWLD or HSNW

**Thesis (6 credits)**

Select 3 credits of History (HS) coursework

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.*

<table>
<thead>
<tr>
<th>Semester</th>
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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 - Non-Thesis Track**

<table>
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<td>HS-501</td>
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<td>or</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

Select one European History (HS) course designated with Course Type: HSEU

Select one World or Non-Western course designated with Course Types: HSWLD or HSNW

Select 6 credits of History (HS) coursework

HS-CPE  History Comprehensive Exam  0

Total Credits  30

**Sequence Chart**

<table>
<thead>
<tr>
<th>Semester</th>
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<th>Spring Credits</th>
<th>Summer Credits</th>
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<td>Select 3 credits of World or Non-Western (HS-500+) courses designated with Course Types: HSWLD or HSNW</td>
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M.A. in History, United States Specialization - Thesis Track

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 - Thesis Track

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<td>or</td>
<td>HS-502 The Philosophy of History</td>
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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 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.

First Year
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<th>Semester</th>
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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, World Specialization - Non-Thesis Track

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<tr>
<td>HS-501</td>
<td>Historical Criticism</td>
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<tr>
<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 (24 credits)
Select 2 History (HS) courses designated with Course Type: HSWLD 6
Select 2 World or Non-Western courses designated with Course Types: HSWLD or HSNW 6

Total Credits 30
Select 2 European History (HS) courses designated with Course Type: HSUS or HSEU 6
Select 6 credits of History (HS) coursework 6
HS-CPE History Comprehensive Exam 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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<tr>
<th>Semester</th>
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Admission Requirements

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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 - Thesis Track

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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M.A. in History, World Specialization - Thesis Track

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**Admission Requirements**

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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/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.
datta@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).
dooley@monmouth.edu

Kathryn Kloby, Associate Professor (Graduate Faculty).
Vice Provost for Transformative Learning. B.A., Marywood College; M.S., Montclair State University; Ph.D., Rutgers University. Specialties are public sector accounting, performance measurement and reporting, citizen participation, public policy, and research methods. Her most current research focuses on accountability in public education.
kkloby@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.
mezey@monmouth.edu

Kenneth Mitchell, Associate 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.
mitchel@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-CPE  Public Policy Comprehensive Exam  Credits: None
Prerequisite(s): PS-510, PS-515, PS-516, and PS-518
Term Offered: All Terms
Course Type(s): None
Public Policy Comprehensive Exam. This is a pass/fail course.

PS-510  Policy Analysis  Credits: 3
Term Offered: All Terms
Course Type(s): TPS
An overview of the field of public policy studies with particular attention paid to the role of the policy analyst in the field of public policy. This course provides a solid foundation for the study of public policy analysis by concentrating on the five stages of the policy process, including agenda setting, policy formulation, budgeting, policy implementation, and policy evaluation.

PS-514  Public Opinion and Polling  Credits: 3
Term Offered: All Terms
Course Type(s): None
Students are taught how to use social science research methods to critique and create polling surveys. Particular attention is paid to the data collection and sample design, survey research methods, questionnaire development, and data collection and analysis. Students are taught how to evaluate the quality of survey research methods. Students will also be expected to design, implement, and analyze an original polling survey.

PS-515  Public Policy Research Design  Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduces students to the different research techniques widely practiced in the field of public policy. Students will learn about the research process, from conceptualization to operationalization and measurement. Students examine the importance of writing the literature review and articulating the research question; explore various research designs such as experiments, survey research, and other methods for collecting data. Other issues such as sampling, validity, and reliability are addressed. Class discussions, exercises, readings, and other materials will equip students with the skills to design a piece of policy research to, for example, assess policy proposals, and programs.

PS-516  Research Methods  Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduces students to widely used analytical and data presentation techniques in the field of public policy. Students will explore descriptive and inferential statistics. Using Excel and Statistical Package for the Social Sciences, students learn how to build a data set, how to acquire secondary data, and how to clean and analyze data. Students will learn about distributions and how to interpret findings. Determining whether research findings are capable of making inferences is examined through regression analysis. Data presentation techniques are addressed to strengthen the skills of students to translate quantitative information to a broad audience.

PS-518  Theory, Policy, Ethics  Credits: 3
Term Offered: All Terms
Course Type(s): None
Seeks to enable students to develop a critical understanding of the moral and political values that come into play in public policy. Topics include the tensions between ethics and politics in the tradition of political theory as well as how they feature in contemporary public policy debates in American and global politics. Students gain an understanding of the role of ethics as a matter of social justice as well as ethical issues and dilemmas in professional ethics.

PS-522  History of Urbanization in America  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as HS-522.

PS-524  Public Opinion and the Media  Credits: 3
Term Offered: Summer Term
Course Type(s): None
An examination of the shifting nature of public opinion, the agenda-setting role of mass media, and the survey methods that are employed to determine public opinion. The practices, values, and traditions of journalism that impact public opinion. Experience with the conduct of a survey and analysis of case studies.

PS-525  Political Communication  Credits: 3
Term Offered: All Terms
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. Also listed as CO-525.

PS-530  Environmental Policy  Credits: 3
Term Offered: All Terms
Course Type(s): None
A survey of the process by which environmental politics, planning, and public policy is conducted in the United States and around the world. We will examine the nature and scope of environmental, energy, and natural resource problems; contrasting perspectives on their severity and policy implications; the goals and strategies of the environmental movement and public opinion on the environment; scientific, economic, political, and institutional forces that shape policymaking and implementation; approaches to environmental policy analysis; and selected issues in environmental policy in the global community. In addition to the covering of certain ecological science terms, the interplay between international organizations, non-governmental organizations, and traditional states and the ways in which these actors seek diplomatic solutions to environmental problems is also covered.

PS-533  The History of Public Policy in the United States  Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
The objective is to survey major issues in domestic public policy. The emphasis is on changes in the process of policy formation in both the public and private sectors. Also listed as HS-533.
PS-553 Gender, Family, and Policy
Term Offered: Spring Term
Course Type(s): None
Examines how policies affect a diverse spectrum of families based on class, race, gender, sexuality, age, and nationality. It begins with a historical perspective on how families have developed because of historical factors such as changing economy and technology. It also examines how social structures such as race, class, gender, and sexuality have shaped families. It then focuses on current issues facing families and the policies that regulate those issues, such as the balance between work and family, welfare, reproductive issues, violence, healthcare, and educational issues. A comparative approach will be taken to examine policies both in the U.S. and within other countries. Also discussed will be family activism aimed at affecting policy in the U.S.

Credits: 3

PS-566 Comparative Public Policy
Term Offered: All Terms
Course Type(s): None
In the world in which terrorism and chaos threaten to upset the policy-making capabilities of state governments, it is vital that we understand the different ways that nations formulate and implement public policy. Through an extensive investigation of policy analysis across a broad spectrum of states, the student will be able to better understand the reasons for policy decisions around the world. Democratic governments will be compared and contrasted to non-democratic governments in an attempt to provide greater insight and answer questions of health, economic, environmental, and foreign policies.

Credits: 3

PS-572 Social Work Administration
Term Offered: Fall Term
Course Type(s): TPS
Designed to deepen the student's knowledge of the information and skills needed to organize and manage a modern human service not-for-profit organization. Except for those in private practice, most social workers function within an organization or agency environment - very often in the not-for-profit sector. Within five years, many holding MSW degrees will hold management positions in those organizations. Allows students to gain some preparation for this future possibility, while at the same time providing them with the tools to understand administrative processes in their organizations. Also listed as SW-618.

Credits: 3

PS-597 Portfolio
Term Offered: All Terms
Course Type(s): None
Enables students to complete their portfolios for the Master of Arts in Public Policy (MAPP). The portfolio displays academic and professional development and learning gained from the MAPP program and related experiences. The portfolio contains collections of academic and professional goal statements, term papers, reflective essays and artifacts gathered in various classes and colloquia and connected work.

Credits: None

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.

Credits: 3

PS-599 Readings and Research
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.

Credits: 3

PS-602 Critical Issues in Crime and Delinquency
Term Offered: All Terms
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.

Credits: 3
Professional Counseling

Chair: Stephanie Hall, 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 (LCADAC), 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. 104)
• M.S. in Clinical Mental Health Counseling (p. 105)

Certificate
• Graduate Certificate in Professional Counseling (p. 105)

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 Graduate Program Director (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, Assistant Professor (Graduate Faculty). 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.
jb Burkhol@monmouth.edu

Alan Cavaiolia, Professor and 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 competency 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.
m delaney@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 LGBTQIA community; Intersectionality; and persons living with HIV/AIDS.
dford@monmouth.edu

Stephanie Hall, Associate Professor and Chair (Graduate Faculty). B.A., University of Kentucky; M.A., Louisiana Tech University; Ph.D., University of New Orleans. Specialization in the area of mental health counseling with primary interests in multicultural counseling, women’s issues, trauma, and group work.
Joanne Jodry, Assistant Professor (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**

<table>
<thead>
<tr>
<th>Credits: None</th>
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<tbody>
<tr>
<td>Prerequisite(s): Forty-eight credits in Psychological 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</td>
</tr>
<tr>
<td>Co-requisite(s): PC-680</td>
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<tr>
<td>Term Offered: All Terms</td>
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<tr>
<td>Course Type(s): None</td>
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</tbody>
</table>

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-505  Mental Health Counseling**

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<th>Credits: 3</th>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): None</td>
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</table>

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**

<table>
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<th>Credits: 3</th>
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<td>Course Type(s): None</td>
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</table>

An overview of test administration and validity. Students will be introduced to tests of intelligence, personality and interests. Limited toProfessional Counseling majors.

**PC-510  Community Mental Health**

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<td>Course Type(s): None</td>
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<tr>
<td>Credits: 3</td>
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</tbody>
</table>

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**

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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**

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<th>Credits: 3</th>
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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**

<table>
<thead>
<tr>
<th>Credits: 3</th>
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<tr>
<td>Term Offered: Fall Term</td>
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<td>Course Type(s): None</td>
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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**

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</table>

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**

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<td>Term Offered: Spring Term</td>
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<td>Course Type(s): None</td>
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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
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
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
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
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
Term Offered: All Terms
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
Term Offered: All Terms
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-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. Navigating 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 transcultural issues. Limited to Professional Counseling majors.

PC-580  Animal Assisted Therapy  Credits: 3
Term Offered: Fall Term
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): PC-505, PC-512, PC-525, PC-526, PC-540, and PC-550 all passed with a grade of C+ or higher and PC-523 passed with a grade of B 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. This is a pass/fail course.

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
Term Offered: All Terms
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-671  Advanced Practice with Children  Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed for play therapy students, builds upon the foundation courses on individual, family and group counseling, with advanced clinical applications for work with children. Assessment and intervention skills are used with children and adolescents with special emphasis on expressive therapies such as art, play, sand tray, and music. Also listed as EDL-671 and SW-671.

PC-672  Advanced Theory in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-672 and SW-672.

PC-673  Advanced Techniques in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-673 and SW-673.

PC-674  Play Therapy for Children at Risk  Credits: 3
Term Offered: All Terms
Course Type(s): None
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 issues that can lead to or exacerbate trauma or crisis. Also listed as EDL-674 and SW-674.

PC-675  Play Therapy Practicum Seminar I  Credits: 3
Term Offered: All Terms
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: All Terms
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.

M.A. in Addiction Studies

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>PC-505</td>
<td>Mental Health Counseling</td>
<td>3</td>
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<tr>
<td>PC-510</td>
<td>Community Mental Health</td>
<td>3</td>
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<tr>
<td>PC-512</td>
<td>Psychopathology</td>
<td>3</td>
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<tr>
<td>PC-525</td>
<td>Theories of Counseling</td>
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<tr>
<td>PC-530</td>
<td>Crisis Intervention</td>
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<td>PC-550</td>
<td>Group Counseling</td>
<td>3</td>
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<tr>
<td>PC-540</td>
<td>Introduction to Alcohol and Drug Abuse</td>
<td>3</td>
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<tr>
<td>PC-542</td>
<td>Treatment of Alcohol and Drug Abuse</td>
<td>3</td>
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<tr>
<td>PC-544</td>
<td>Advanced Alcohol and Drug Counseling</td>
<td>3</td>
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<tr>
<td>PC-546</td>
<td>Substance Awareness in the Schools</td>
<td>3</td>
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<tr>
<td>PC-595</td>
<td>Professional Counseling Practicum</td>
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</table>

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://
5. Participation in a group interview.

**M.S. Clinical Mental Health Counseling**

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<thead>
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<tr>
<td>PC-515</td>
<td>Human Development Through the Life Span</td>
<td>3</td>
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<tr>
<td>PC-523</td>
<td>Introduction to Counseling Skills</td>
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<tr>
<td>PC-525</td>
<td>Theories of Counseling</td>
<td>3</td>
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<tr>
<td>PC-526</td>
<td>Case Conceptualization</td>
<td>3</td>
</tr>
<tr>
<td>PC-529</td>
<td>Multicultural Counseling</td>
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<tr>
<td>PC-530</td>
<td>Crisis Intervention</td>
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<td>PC-550</td>
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<tr>
<td>PC-570</td>
<td>Career Counseling</td>
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</table>

Select one course from the list below:

- PC-524 Counseling Children and Adolescents: Theories and Techniques
- PC-528 Family Counseling: Theory and Technique
- PC-532 Counseling for Grief and Loss
- PC-533 Couples Counseling
- PC-595 Professional Counseling Practicum
- PC-603 Research Methods in Counseling

**Clinical Internship**

- PC-680 Clinical Internship in Professional Counseling

Clinical Internship course is taken twice

Electives (9)

- Select 9 credits from Psychological Counseling (PC) at the 500-600 level
- PC-CPE Professional Counseling Comprehensive Examination

**Total Credits**

60

**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. 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).
5. Participation in a group interview.
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. 108),
- Information Systems (p. 108), and
- Software Engineering (p. 108).

**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 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:

1. Focus on the technology or management side of information systems by choosing one of two distinct tracks;
2. Become an effective team member, including teams that are international and geographically distributed;
3. Excel at project management and management and improve decision-making;
4. Learn how to reconcile conflicting project objectives;
5. 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 be 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 engineering, 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 and complete 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. 120)
- M.S. in Computer Science, Non-Thesis Track (p. 120)
- M.S. in Computer Science, Computer Networks, Thesis Track (p. 119)
- M.S. in Computer Science, Computer Networks, Non-Thesis Track (p. 119)
- M.S. in Computer Science, Databases and Intelligent Information Systems, Thesis Track (p. 120)
- M.S. in Computer Science, Databases and Intelligent Information Systems, Non-Thesis Track (p. 119)
- M.S. in Computer Science, Security of Computer Systems and Networks, Thesis Track (p. 121)
- M.S. in Computer Science, Security of Computer Systems and Networks, Non-Thesis Track (p. 121)
- M.S. in Information Systems, Management Track, Thesis Track (p. 125)
- M.S. in Information Systems, Management Track, Non-Thesis Track (p. 124)
- M.S. in Information Systems, Technology Track, Thesis Track (p. 126)
- M.S. in Information Systems, Technology Track, Non-Thesis Track (p. 125)
- M.S. in Software Engineering, Thesis Track (p. 124)
- M.S. in Software Engineering, Non-Thesis Track (p. 123)
- M.S. in Software Engineering, Advanced Thesis Track (p. 122)
- M.S. in Software Engineering, Advanced Non-Thesis Track (p. 122)

**Faculty**

**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.

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**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.

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**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.

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**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 objected-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: Fall 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-511  Technical Communication  Credits: 3
Term Offered: All Terms
Course Type(s): CISEL
Preparation, analysis, synthesis, and presentation of system documentation, technical papers, and data flow diagrams; literature search.

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, handson 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: All Terms
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-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: All Terms
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: All Terms
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-560  Master's Seminar  Credits: 3
Prerequisite(s): Completion of twenty-one credits toward the MS degree, including four core courses, or permission of the instructor
Term Offered: All Terms
Course Type(s): CISEL
Emphasis on preparation, analysis, synthesis, and presentation of software system documentation, project progress reports, and technical papers based on literature research.

CS-588  Computer Science Practice and Experiences  Credits: 1
Prerequisite(s): 18 credits in Computer Science
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
Term Offered: All Terms
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 3.60 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-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-625  Internet Crawler  Credits: 3
Prerequisite(s): CS-529 passed with a grade of B- or higher
Term Offered: All Terms
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: All Terms
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: All Terms
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-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
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.)

CS-698  Advanced Special Topics
Prerequisite(s): CS-503 passed with a grade of B- or higher or as announced in the course schedule
Term Offered: All Terms
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
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.

IT-510  Internet Technology
Prerequisite(s): IT-500
Term Offered: Spring Term
Course Type(s): None
Introduction to integrated application software used for authoring and publishing Web sites. Applications include, preprogrammed software, markup programming and Internet scripting languages used to create Web pages. Network technologies and the fundamental concepts involved in creating a network and in facilitating network operation will also be introduced. Hands-on experience with a microcomputer on a networked system is provided for completion of individual and group projects. This course is appropriate only for students from non-technology areas of study.

MIS-514  Networks
Term Offered: All Terms
Course Type(s): None
An introductory 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
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
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
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: Fall Term
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: Summer Term
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-623 Management Information Systems Credits: 3
Term Offered: All Terms
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: Fall Term
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: Spring Term
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 to 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 to 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
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Pre-requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-505</td>
<td>Principles of Software Engineering</td>
<td>1.5</td>
<td>All Terms</td>
<td>None</td>
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<tr>
<td></td>
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<td></td>
<td>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.</td>
</tr>
<tr>
<td>SE-511</td>
<td>Object-Oriented Analysis</td>
<td>1.5</td>
<td>All Terms</td>
<td>SE-505 passed with a grade of B- or higher</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>SE-512</td>
<td>Object-Oriented Design</td>
<td>1.5</td>
<td>Spring Term</td>
<td>SE-511 passed with a grade of B- or higher</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Introduces the design of a software application. Uses object-oriented methodologies. This is not a programming course. Limited to Software Engineering majors only.</td>
</tr>
<tr>
<td>SE-515</td>
<td>Disciplined Software Development</td>
<td>3</td>
<td>All Terms</td>
<td>SE-505</td>
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<td>Introduces the need for an engineering approach to software, through a motivational discussion of the so-called &quot;software crisis&quot; and a presentation of software development processes at the various degrees of granularity; this ranges from organizational processes to team and individual engineers' processes. Provides practical experiences with the Personal Software Process. A software process is defined as a set of guidelines, activities, and methods that engineers use to develop and maintain software. Without a software process, most projects are over budget and behind schedule, since successful efforts cannot be guaranteed. The success of a project depends greatly upon the experience and discipline of the engineers. Limited to Software Engineering students.</td>
</tr>
<tr>
<td>SE-517</td>
<td>Engineering Web-Based Systems</td>
<td>3</td>
<td>All Terms</td>
<td>CS-501A</td>
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<td>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.</td>
</tr>
<tr>
<td>SE-555</td>
<td>Software System Requirements</td>
<td>3</td>
<td>All Terms</td>
<td>CS-501A, SE-505, and SE-511</td>
</tr>
<tr>
<td></td>
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<td>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.</td>
</tr>
<tr>
<td>SE-571</td>
<td>Software Design and Systems Architecture</td>
<td>1.5</td>
<td>Spring Term</td>
<td>SE-565</td>
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<td>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.</td>
</tr>
<tr>
<td>SE-572</td>
<td>Enterprise and Global Architecture</td>
<td>1.5</td>
<td>All Terms</td>
<td>SE-571</td>
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<td>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.</td>
</tr>
<tr>
<td>SE-575</td>
<td>Software Verification, Validation and Maintenance</td>
<td>3</td>
<td>Fall Term</td>
<td>CS-501A and SE-505</td>
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<tr>
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<td>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.</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>
</tr>
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<td>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.</td>
</tr>
</tbody>
</table>
SE-588  Software Practice and Experience  Credits: 1
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 and eighteen completed credits. 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: Fall 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: All Terms
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  Credits: 3
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 adopting a new technology and putting the appropriate elements into an organization. Focuses on technology assessment, cost, scheduling, training, and project management.

SE-605  Software Implementation and Reuse  Credits: 3
Prerequisite(s): SE-565
Term Offered: All Terms
Course Type(s): None
Explores contemporary topics in systematic software implementation and reuse. Includes the impact of Object-Based and Object-Oriented Design and Programming with Ada83, Ada95, and C++ along with Domain Engineering on the software development process. Concentrates on the practical aspects of applying architecture-centric, domain-specific, library-based reuse methodologies integrated with the software development process to create software systems in an efficient, cost-effective manner. Illustrates how object-oriented and domain-engineering techniques coupled with domain-specific libraries can be used to effectively develop significant software systems in a short period of time, frequently realizing reuse on the order of 70% or more. Libraries of object-based reusable software components will be used to design and implement solutions to problems.

SE-610  Software Systems Security  Credits: 3
Prerequisite(s): SE-505
Term Offered: Fall Term
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  Credits: 3
Prerequisite(s): SE-565
Term Offered: Fall 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  Credits: 3
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)  Credits: 3
Prerequisite(s): CS-501B
Term Offered: Summer Term
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  
**Term Offered:** Fall Term  
**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  
**Term Offered:** All Terms  
**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 or MIS-565  
**Term Offered:** Fall Term  
**Course Type(s):** None  

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-630 Real Time Software Analysis and Specification  
**Prerequisite(s):** CS-503 and SE-505  
**Term Offered:** Fall Term  
**Course Type(s):** None  

SE-631 Real Time Software Design and Implementation  
**Prerequisite(s):** SE-630  
**Term Offered:** Spring Term  
**Course Type(s):** None  
Criteria and trade-off for partitioning the functions of a real-time system among the hardware, firmware, and software. The interfaces of a real-time system to the external environments such as sensors and actuators. Designing real-time systems: structured and object-oriented methods. Case studies and comparison between the two. Design verification and validation. Implementation of Real-Time Systems. Development environments and tools: Simulators, Emulators and Debuggers. Testing Real-Time systems. Test coverage and regression testing. Special approaches for Real-Time software testing. Engineering and organizational issues in real-time software development. Performance testing and its importance in real-time systems.

SE-650 Software Project Management  
**Prerequisite(s):** SE-505  
**Term Offered:** Fall Term  
**Course Type(s):** None  

SE-651 Software Organization Management  
**Prerequisite(s):** SE-505  
**Term Offered:** Spring Term  
**Course Type(s):** None  
SE-652  Software Quality Management
Credits: 3
Prerequisite(s): SE-565 and SE-571
Term Offered: Summer Term
Course Type(s): None
Designed to help students develop a broad understanding of the requirements and consideration in planning, managing, and implementing a software project with special emphasis on teams, quality, process, and measurement. This experiential course involves two iterations of a team project which help students learn how to apply specific software engineering practices and understand their value or lack of value to specific projects. The main themes include in-depth coverage of process models, such as CMMI and ISO 9000, as well as specific practices such as Risk Management, Configuration Management, Team Development, Inspections, and practical applications of Measurement.

SE-660  Computer System Architecture
Credits: 3
Prerequisite(s): CS-503
Term Offered: All Terms
Course Type(s): None
Computer system interconnection structures, central processing unit, control unit, microprogrammed control, memory organization, cache and virtual memory, computer arithmetic, RISC processor, introduction to parallel processing, and case studies.

SE-691  Software Engineering Thesis Research
Credits: 3
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. 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-692  Software Engineering Thesis Research
Credits: 3
Prerequisite(s): SE-691 and prior permission of the advising professor
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. 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
Credits: 3
Prerequisite(s): SE-565, SE-571, and SE-580
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 document 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 large software projects. The students will be asked to serve in team roles, hold oral reviews, and prepare documentation appropriate to their project. Students in the class 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  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.
### M.S. in Computer Science, Computer Networks, Non-Thesis Track

<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>
</tr>
<tr>
<td>CS-503</td>
<td>Data Structures and Algorithms</td>
<td>3</td>
</tr>
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<td>CS-505</td>
<td>Operating Systems Concepts</td>
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</table>

#### Foundation Requirements (12 credits)

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#### Program Requirement (30 credits)

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<thead>
<tr>
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<tbody>
<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-535</td>
<td>Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CS-635</td>
<td>Wireless Network Systems and Security</td>
<td>3</td>
</tr>
<tr>
<td>CS-525</td>
<td>Simulation</td>
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<tr>
<td>Select 9 credits Designated with Course*Type CISEL</td>
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<td></td>
</tr>
</tbody>
</table>

#### 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, Databases and Intelligent Information Systems, Non-Thesis Track

<table>
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<tr>
<td>Select two of the following:</td>
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<tr>
<td>CS-521</td>
<td>Artificial Intelligence</td>
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<tr>
<td>CS-529</td>
<td>Web Services and .NET</td>
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<tr>
<td>CS-618</td>
<td>Data Mining</td>
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<tr>
<td>CS-625</td>
<td>Internet Crawler</td>
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<tr>
<td>Select 3 credits from 600+ level</td>
<td>3</td>
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</tr>
</tbody>
</table>

#### Total Credits

|                                                  | 42 |

### M.S. in Computer Science, Computer Networks, Thesis Track

<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>
</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>
</tbody>
</table>

#### Foundation Requirements (12 credits)

<table>
<thead>
<tr>
<th>Code</th>
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<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>Data Structures and Algorithms</td>
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</tr>
<tr>
<td>CS-505</td>
<td>Operating Systems Concepts</td>
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</table>

#### Program Requirement (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<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>Select two of the following:</td>
<td>6</td>
<td></td>
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<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>
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</tbody>
</table>

#### 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

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CS-501B</td>
<td>Program Development</td>
<td>3</td>
</tr>
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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>
<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></td>
<td>Select 12 credits Designated with Course*Type CISEL</td>
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</tr>
<tr>
<td></td>
<td>Select 6 credits from 600+ level Computer Science (CS) courses</td>
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<tr>
<td>Total Credits</td>
<td></td>
<td>42</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

<table>
<thead>
<tr>
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</thead>
<tbody>
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<tr>
<td>CS-502</td>
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<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>CS-512</td>
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</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></td>
<td>Select 6 credits Designated with Course*Type CISEL</td>
<td>6</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>42</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.
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, Security of Computer Systems and Networks, Thesis Track

<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>
</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>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-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-521</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>
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<tr>
<td>Total Credits</td>
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</tr>
</tbody>
</table>

Select 6 credits designated with Course*Type CISEL 6

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 Software Engineering, Advanced Non-Thesis Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Requirements (27 credits)</strong></td>
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<tr>
<td><strong>Core Courses</strong></td>
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</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><strong>Guided Electives</strong></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 &amp; SE-602</td>
<td>Outsourcing: Specifications and Strategies and Technology Assessment</td>
<td></td>
</tr>
<tr>
<td>SE-620 &amp; SE-621</td>
<td>Networked Software Systems I and Networked Software Systems II</td>
<td></td>
</tr>
<tr>
<td>SE-625 &amp; SE-626</td>
<td>Information Systems Architecture and Information Systems Engineering</td>
<td></td>
</tr>
<tr>
<td>SE-650 &amp; SE-651</td>
<td>Software Project Management and Software Organization Management</td>
<td></td>
</tr>
<tr>
<td><strong>Electives (3 credits)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>3</td>
<td></td>
</tr>
<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-603</td>
<td>MOST Implementation</td>
<td></td>
</tr>
<tr>
<td>SE-605</td>
<td>Software Implementation and Reuse</td>
<td></td>
</tr>
<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
<td></td>
</tr>
<tr>
<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
<td></td>
</tr>
<tr>
<td>SE-616</td>
<td>Extensible Markup Language (XML)</td>
<td></td>
</tr>
<tr>
<td>SE-620</td>
<td>Networked Software Systems I</td>
<td></td>
</tr>
<tr>
<td>SE-625</td>
<td>Information Systems Architecture</td>
<td></td>
</tr>
<tr>
<td>SE-626</td>
<td>Information Systems Engineering</td>
<td></td>
</tr>
<tr>
<td>SE-630</td>
<td>Real Time Software Analysis and Specification</td>
<td></td>
</tr>
<tr>
<td>SE-631</td>
<td>Real-Time Software Design and Implementation</td>
<td></td>
</tr>
<tr>
<td>SE-650</td>
<td>Software Project Management</td>
<td></td>
</tr>
<tr>
<td>SE-651</td>
<td>Software Organization Management</td>
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</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>30</strong></td>
<td></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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>Requirements (21 credits)</strong></td>
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<tr>
<td><strong>Core Courses</strong></td>
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<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><strong>Guided Electives</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select TWO SETS of guided electives from the following:</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>SE-601 &amp; SE-602</td>
<td>Outsourcing: Specifications and Strategies and Technology Assessment</td>
<td></td>
</tr>
<tr>
<td>SE-620 &amp; SE-621</td>
<td>Networked Software Systems I and Networked Software Systems II</td>
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<tr>
<td>SE-625 &amp; SE-626</td>
<td>Information Systems Architecture and Information Systems Engineering</td>
<td></td>
</tr>
<tr>
<td>SE-650 &amp; SE-651</td>
<td>Software Project Management 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-605 Software Implementation and Reuse
- 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-630 Real Time Software Analysis and Specification
- SE-631 Real-Time Software Design and Implementation
- SE-650 Software Project Management
- SE-651 Software Organization Management
- SE-652 Software Quality Management
- SE-660 Computer System Architecture
- 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
- SE-692 Software Engineering Thesis Research

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.)

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

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<thead>
<tr>
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</tr>
<tr>
<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-565 Software System Requirements
- SE-571 Software Design and Systems Architecture
- SE-572 Enterprise and Global Architecture
- SE-575 Software Verification, Validation and Maintenance
- SE-580 The Process of Engineering Software

Electives (12 credits)

Select four of the following:

- SE-601 Outsourcing: Specifications and Strategies
- SE-602 Technology Assessment
- SE-603 MOST Implementation
- SE-605 Software Implementation and Reuse
- SE-610 Software Systems Security
- 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-621 Networked Software Systems II
- SE-625 Information Systems Architecture
- SE-626 Information Systems Engineering
- SE-630 Real Time Software Analysis and Specification
- SE-631 Real-Time Software Design and Implementation
- SE-650 Software Project Management
- SE-651 Software Organization Management
- SE-652 Software Quality Management
- SE-660 Computer System Architecture
- Software Engineering 600-Level Independent Study
- CS-514 Networks
- CS-517 Database Design and Management

Practicum (6 credits)

- SE-695A Software Engineering Practicum
- SE-695B Software Engineering Practicum

Total Credits: 40.5

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. in Software Engineering, Thesis Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Foundation Courses</td>
<td></td>
</tr>
<tr>
<td>CS-501B</td>
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<td>3</td>
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<tr>
<td>CS-503</td>
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<tr>
<td>SE-505</td>
<td>Principles of Software Engineering</td>
<td></td>
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<tr>
<td>SE-511</td>
<td>Object-Oriented Analysis</td>
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</tr>
<tr>
<td>SE-512</td>
<td>Object-Oriented Design</td>
<td>1.5</td>
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<tr>
<td></td>
<td>Core Courses</td>
<td></td>
</tr>
<tr>
<td>SE-565</td>
<td>Software System Requirements</td>
<td>3</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-575</td>
<td>Software Verification, Validation and Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>SE-580</td>
<td>The Process of Engineering Software</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives (12 credits)</td>
<td></td>
</tr>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
<td>1</td>
</tr>
<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
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</tr>
<tr>
<td>SE-603</td>
<td>MOST Implementation</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-605</td>
<td>Software Implementation and Reuse</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
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<tr>
<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
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<tr>
<td>SE-616</td>
<td>Extensible Markup Language (XML)</td>
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<tr>
<td>SE-620</td>
<td>Networked Software Systems I</td>
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<tr>
<td>SE-627</td>
<td>Networked Software Systems II</td>
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<td>SE-628</td>
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<td>SE-629</td>
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<td>SE-630</td>
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<tr>
<td>SE-631</td>
<td>Real-Time Software Design and Implementation</td>
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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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>Foundation Requirements (13.5 credits)</td>
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<td>CS-501A</td>
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<tr>
<td>BM-517</td>
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<tr>
<td>SE-505</td>
<td>Principles of Software Engineering</td>
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<td>Object-Oriented Analysis</td>
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<td>BA-513</td>
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<td>BA-514</td>
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<td>BE-511</td>
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<td>BE-512</td>
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<td>MIS-555</td>
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<td>MIS-550</td>
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<td>MIS-551</td>
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<th>Title</th>
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<tbody>
<tr>
<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>
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<tr>
<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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<tr>
<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
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<tr>
<td>MIS-514</td>
<td>Networks</td>
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<tr>
<td>MIS-575</td>
<td>Software Verification, Validation and Maintenance</td>
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Practicum (6 credits)

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<td>MIS-695A</td>
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<td>MIS-695B</td>
<td>Management Information System Practicum II</td>
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Total Credits 43.5

1. Up to 13.5 credits may be waived upon evaluation of prior academic preparation

Admission Requirements

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

<table>
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<tr>
<td>CS-501A</td>
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<tr>
<td>BM-517</td>
<td>Introduction to Management</td>
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<td>SE-505</td>
<td>Principles of Software Engineering</td>
<td>1.5</td>
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<tr>
<td>SE-511</td>
<td>Object-Oriented Analysis</td>
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</tr>
<tr>
<td>BA-513</td>
<td>Financial Accounting</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 Requirement</td>
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<td>MIS-525</td>
<td>Information System Architecture</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>
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Select two of the following:

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<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>BK-520</td>
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<td>Legal Environment of Business</td>
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<td>Technology Assessment</td>
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<td>Usability Engineering/Human-Computer Interaction</td>
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<tr>
<td>MIS-514</td>
<td>Networks</td>
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<tr>
<td>MIS-575</td>
<td>Software Verification, Validation and Maintenance</td>
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MIS-691 | Management Information System Thesis I | 3       |
| MIS-692 | Management Information System Thesis II | 3       |

Total Credits 43.5

1. Up to 13.5 credits may be waived upon evaluation of prior academic preparation

Admission Requirements

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.

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M.S. in Information Systems, Technology Track, Non-Thesis Track

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<td>CS-501A</td>
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### M.S. in Information Systems, Technology Track, Thesis Track

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<td>CS-503</td>
<td>Data Structures and Algorithms</td>
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<tr>
<td>SE-511</td>
<td>Object-Oriented Analysis</td>
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#### Program Requirements (30 credits)

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<td>SE-517</td>
<td>Engineering Web-Based Systems</td>
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<td>MIS-565</td>
<td>Software System Requirement</td>
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<td>MIS-525</td>
<td>Information System Architecture</td>
<td>3</td>
</tr>
<tr>
<td>MIS-517</td>
<td>Database Design and Management</td>
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<td>MIS-575</td>
<td>Software Verification, Validation and Maintenance</td>
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<td>MIS-514</td>
<td>Networks</td>
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<tr>
<td>CS-518</td>
<td>Fundamentals of Computer Security and Cryptography</td>
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<td>CS-529</td>
<td>Web Services and .NET</td>
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<td>CS-628</td>
<td>Security of E-Systems and Networks</td>
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<td>MIS-550</td>
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</table>

Total Credits 43.5

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#### Admission Requirements

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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)
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 contact with faculty and promotes collaborative work.

Within the LHBS are two Centers of Distinction.

1. The first is the Kislak Real Estate Institute, which is directed by Professor Peter Reinhart of the Economics, Finance, and Real Estate Department. 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.

- Dean Donald Moliver holds the Steven and Elaine Pozycki 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

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# Programs

## Masters

- MBA (p. 130)
- MBA with a Concentration in Accounting (p. 133)
- MBA with a Concentration in Finance (p. 137)
- MBA with a Concentration in Management (p. 142)
- MBA with a Concentration in Marketing (p. 145)
- MBA with a Concentration in Real Estate (p. 138)

## Certificate

- Graduate Certificate in Accounting (p. 133)

# Master of Business Administration

MBA Program Director, Susan Forquer Gupta, Ph.D.

## 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) and the following five M.B.A. concentrations:

- Accounting (p. 133),
- Finance (p. 137),
- Management (p. 142),
- Marketing (p. 145), and
- Real Estate (p. 138).

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. 130)
M.B.A.

<table>
<thead>
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<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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<td>BE-611</td>
<td>Managerial Economics</td>
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<td>BF-612</td>
<td>Corporate Finance</td>
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</tr>
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<td>BM-613</td>
<td>Managing and Leading in Organizations</td>
<td>3</td>
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<td>BK-614</td>
<td>Marketing Management</td>
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<tr>
<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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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\(^1\),\(^2\),\(^3\) or
   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.

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.
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. 133)

**Certificate**
- Graduate Certificate in Accounting (p. 133)

**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.
gagacer@monmouth.edu

Linda Flaming, Associate Professor (Graduate Faculty). B.S., University of Science and Arts of Oklahoma; B.A., M.S., Queens College, City of New York; Ph.D., University of Oklahoma; C.P.A., Oklahoma.
lflaming@monmouth.edu

Teaching interests include all levels of financial and managerial accounting. Research interests are in tax, audit, accounting, and investor decision-making.

Xudong Daniel Li, Assistant 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.
xli@monmouth.edu

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.
nuddin@monmouth.edu

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.
miyu@monmouth.edu

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.
rzhao@monmouth.edu

**Courses**

**BA-513 Financial Accounting**

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**

 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-545 Fraud Examination**

Term Offered: All Terms
Course Type(s): None
Students will learn how and why occupational fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved.
BA-588 Internship in Accounting
Term Offered: Fall Term
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.

BA-598 Special Topics in Accounting
Term Offered: All Terms
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
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.

BA-610 Accounting for Managers
Prerequisite(s): BA-513 and BA-514
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
Prerequisite(s): BA-513
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
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
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
Prerequisite(s): BA-634
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-699 Business Research in Accounting
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.
Graduate Certificate in Accounting

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirements (24 credits)</td>
<td></td>
<td></td>
</tr>
<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>
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<tr>
<td>Select six additional credits from BA-600+ courses</td>
<td>6</td>
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<td>Total Credits</td>
<td>24</td>
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</table>

Admission Requirements

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT or
   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)

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 and three years full time work experience.

M.B.A. with a Concentration in Accounting

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Foundation Requirements (21 credits)</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>
<td>1.5</td>
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<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>
<tr>
<td>BA-514</td>
<td>Managerial Accounting</td>
<td>1.5</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>
<td>1.5</td>
</tr>
<tr>
<td>BK-520</td>
<td>Foundations of Marketing Management</td>
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<td>BM-517</td>
<td>Introduction to Management</td>
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<td>Core Requirements (15 credits)</td>
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<td>BA-610</td>
<td>Accounting for Managers</td>
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<td>BF-612</td>
<td>Corporate Finance</td>
<td>3</td>
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<tr>
<td>BM-613</td>
<td>Managing and Leading in Organizations</td>
<td>3</td>
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<tr>
<td>BM-660</td>
<td>Corporate Governance and Organizational Ethics</td>
<td>3</td>
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<td>BM-670</td>
<td>Strategic Management</td>
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<tr>
<td>Concentration Requirements (21 credits)</td>
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<td></td>
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<tr>
<td>BA-632</td>
<td>Business Income Tax</td>
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</tr>
<tr>
<td>BA-634</td>
<td>Selected Topics in Financial Accounting</td>
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<td>BA-636</td>
<td>Advanced Accounting Topics</td>
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<td>BA-638</td>
<td>Auditing Practices and Cases</td>
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<td>BL-631</td>
<td>Legal Environment of Business</td>
<td>3</td>
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<tr>
<td>BM-518</td>
<td>Introduction to Statistics</td>
<td>3</td>
</tr>
<tr>
<td>BM-519</td>
<td>Production and Operations Management</td>
<td>3</td>
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<td>Total Credits</td>
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</table>

Admission Requirements

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT or
   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)

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 and three years full time work experience.
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. 138)
  • M.B.A. with a Concentration in Finance (p. 137)

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

Judex Hyppolite, Assistant Professor (Graduate Faculty). Ph.D., Indiana University. Primary research areas are Econometrics, Monetary Economics, and Finance. His current research focuses on the application of Panel Data Mixture Models to the study of firms and households heterogeneous behaviors. He has studied the differences in the investment behavior firms when they are financially constrained and when they are not, and the differences in the healthcare behavior of individuals grouped according to their intensity of healthcare utilization. His healthcare article was recently published in Health Economics. jhyppoli@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 econonometrics.

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. rscott@monmouth.edu

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: Fall 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: All Terms
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-599 Business Research  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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
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<tr>
<td>BE-611</td>
<td>Managerial Economics</td>
<td>3</td>
<td>All Terms</td>
<td>MBA.E, MBA.I</td>
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<td>BF-599</td>
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<td>BF-630</td>
<td>Investments</td>
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<td>BF-631</td>
<td>Derivatives</td>
<td>3</td>
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<td>BF-632</td>
<td>Financial Markets and Risk Management</td>
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<td>BE-611</td>
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<td>BF-620</td>
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<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Term Offered: All Terms</td>
</tr>
</tbody>
</table>

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.
BF-650 International Finance  
Prerequisite(s): BE-511, BE-512, BF-515, and BF-516  
Term Offered: All Terms  
Course Type(s): MBA.E, MBA.I  

BF-698 Special Topics in Finance  
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.

BF-699 Independent Study in Finance  
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.

BR-510 Real Estate Law  
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  
Term Offered: Fall 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  
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  
Term Offered: Fall 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  
Term Offered: Fall 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  
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-599 Independent Study in Real Estate  
Term Offered: Fall Term  
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  
Term Offered: Fall 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  
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  
Term Offered: Summer Term  
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.
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

Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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**  Credits: 3

Prerequisite(s): BR-630 and BR-631
Term Offered: All Terms
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**  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-699 Independent Study in Real Estate**  Credits: 3

Term Offered: Fall Term
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.

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**M.B.A. with a Concentration in Finance**

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
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<tr>
<td>BE-511</td>
<td>Microeconomics</td>
<td>1.5</td>
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<tr>
<td>BE-512</td>
<td>Macroeconomics</td>
<td>1.5</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>
<td>1.5</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>
<td>1.5</td>
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<tr>
<td>BK-520</td>
<td>Foundations of Marketing Management</td>
<td>1.5</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>
<td>3</td>
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<tr>
<td>BM-519</td>
<td>Production and Operations Management</td>
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**Foundation Requirements (21 credits)**

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<td>BA-610</td>
<td>Accounting for Managers</td>
</tr>
<tr>
<td>BE-611</td>
<td>Managerial Economics</td>
</tr>
</tbody>
</table>
M.B.A. with a Concentration in Real Estate

Admission Requirements

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT or
   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 3.5 or greater GPA.

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

M.B.A. with a Concentration in Real Estate

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<td>BF-612</td>
<td>Corporate Finance</td>
<td>3</td>
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<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>
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<tr>
<td>BM-670</td>
<td>Strategic Management</td>
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Concentration Requirements (15 credits)

Data Analysis

BE/BF-620 Econometrics 3

Global

BE-650 Globalization 3

or BF-650 International Finance

Select three of the following: 9

BF-630 Investments

BF-631 Derivatives

Business Economics (BE) 600-Level Special Topics Class

Business Finance (BF) 600-Level Special Topics Class

BF-632 Financial Markets and Risk Management

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 or
   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)

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 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.
Management and Decision Sciences

Chair: Stuart Rosenberg, Department of Management and Decision Sciences

Within the Leon Hess Business School students can pursue a number of academic degree programs, including those available in the Department of Management and Decision Sciences.

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

Masters

• M.B.A. with a Concentration in Management (p. 142)

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

Courses

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: All Terms
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
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
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: All Terms
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-556 Principles of Logistics Management
Prerequisite(s): BM-519
Term Offered: All Terms
Course Type(s): MBA.Q
Conceptual underpinnings of business logistics; designing an integrated logistics system; managing for effective logistics.

BM-565 Management of Technology
Term Offered: All Terms
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
Term Offered: All Terms
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.

BM-622 Applied Information Systems Management
Prerequisite(s): BM-518
Term Offered: All Terms
Course Type(s): None
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
Term Offered: All Terms
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: All Terms
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-638 Negotiations Credits: 3
Term Offered: Summer Term
Course Type(s): None
Designed to help students learn the fundamentals of negotiation processes. This course will be taught based upon weekly experiential cases whereby students will assume a role in a negotiation and negotiate with a partner.

BM-650 International Business Credits: 3
Prerequisite(s): BM-513
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

Course Title
BM-510 Business Analysis, Research and Communication 3
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
Concentration Requirements (15 credits)
Data Analysis
BM-620 Management Science and Business Analytics 3
or BM-622 Applied Information Systems Management
Global
BK-650 International Marketing Management 3
or BM-650 International Business
BM-631 Logistics Supply Chain Management 3
BM-630 Project Management 3
BM-635 Human Resource and Organizational Development 3

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 or
   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:
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. 145)

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
sgupta@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

Joseph F. Rocereto, Associate Professor (Graduate Faculty), B.A., Dickinson College; M.B.A., Ph.D., Drexel University. Primary research interests are brand anthropomorphization, customer 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 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
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.

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
Term Offered: Spring Term
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-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
Term Offered: All Terms
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.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</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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<td>BA-514</td>
<td>Managerial Accounting</td>
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<tr>
<td>BF-515</td>
<td>Financial Markets</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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<td>BM-519</td>
<td>Production and Operations Management</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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<tr>
<td>BM-613</td>
<td>Managing and Leading in Organizations</td>
<td>3</td>
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<td>BK-614</td>
<td>Marketing Management</td>
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<tr>
<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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<tbody>
<tr>
<td>BM-620</td>
<td>Management Science and Business Analytics</td>
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<tbody>
<tr>
<td>BK-650</td>
<td>International Marketing Management</td>
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<tr>
<td>BK-639</td>
<td>Promotional Strategy</td>
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<td>BK-640</td>
<td>Consumer Behavior</td>
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<td>BK-641</td>
<td>Business Marketing (BK) 600-Level Special Topics Class</td>
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</tr>
<tr>
<td>BK-642</td>
<td>Business Marketing (BK) 600-Level Independent Study</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\(^{1,2,3}\) or
   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.
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. 160),
- Secondary Track (p. 163),
- K-12 Track for Art or Music (p. 159),
- K-12 Track for Health and Physical Education (p. 159)
- K-12 Track for Chinese and Spanish (p. 162)

The M.A.T. tracks have options for combining various endorsements:
- English as a Second Language (ESL), (p. 149)
- Teachers of Students with Disabilities (TSD), (p. 149)
- Subject Endorsement in Chinese – Certificate of Eligibility with Advanced Standing (CEAS), (p. 149)
- Bilingual/Bicultural (p. 168)

M.S.Ed. in Literacy
- Literacy (p. 167)

Master of Education (M.Ed.)
- Master of Education (M.Ed.) (p. 167)

Certificate
- Teaching English to Speakers of Other Languages (TESOL) (p. 168)

Graduate Endorsement
- Early Childhood (P-3) (p. 168)

Department of Special Education
M.S.Ed. in Special Education
- Autism (p. 188)
- Autism and Applied Behavior Analysis (p. 188),
- Teacher of Students with Disabilities (p. 189),
- Learning Disabilities Teacher – Consultant Track or (p. 189)
- with Supervisor Endorsement (p. 190)

Graduate Endorsement
- Teacher of Students with Disabilities (p. 192)
- Learning Disabilities Teacher Consultant (post-master’s endorsement) (p. 191)

Certificate Programs
- Autism (p. 191), taught completely online
- Applied Behavior Analysis (ABA) (p. 191), taught completely online

Department of Educational Counseling and Leadership
Master of Science in Education (M.S.Ed.)
- Principal (p. 181) (with an option for Principal/School Administrator/Supervisor (p. 181)),
- School Counseling (p. 181),
- Student Affairs and College Counseling (p. 182),

Graduate Endorsements
- Student Assistance Coordinator (p. 183)

Post-master’s Endorsements
- Supervisor (p. 183)
- Director of School Counseling Services (p. 183)

Doctorate (Ed.D.)
- Educational Leadership (p. 184)

Department of Speech Pathology
Master of Science in Education (M.S.Ed.)
- Speech-Language Pathology (p. 195)

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 coursework 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, Foreign Language, History, Mathematics) 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. 160)
- MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in English as a Second Language (ESL) (p. 161)
- MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in Teacher of Students with Disabilities (p. 162)
- MAT Initial Certification in Art or Music (K-12 Certification and Subject Endorsement) (p. 159)
- MAT Initial Certification with Endorsements in K-12 Education in Health and Physical Education (p. 159)
- MAT Initial Certification, K-12 (Certification K-12 Track and Subject Endorsement); K-12 Certification in: Spanish or Chinese (p. 162)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) (p. 163)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language (p. 164)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in Teacher of Students with Disabilities (p. 165)
- MAT Initial Certification, Spanish or Chinese (K-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language (p. 166)
- MSeD Literacy (p. 167)
- Master of Education (MEd) (p. 167)

Certificate

- Certificate in TESOL (p. 168)

Endorsements

- Bilingual/Bicultural Graduate Endorsement (p. 168)
- Early Childhood Graduate Endorsement (p. 168)
- English as a Second Language (ESL) Graduate Endorsement (p. 168)
- Subject Endorsement in Chinese - Certificate of Eligibility with Advanced Standing (CEAS) Graduate Endorsement (p. 169)

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, Assistant 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.
aestudillo@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.

Kerry Rizzuto, Associate Professor (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.

Alex Romagnoli, Assistant Professor (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.

Vekihi 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 technologically driven learning environments with a focus on reasoning, justification, and proof.

Chiu-Yin Wong, Associate Professor (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.

Lilly Steiner, Associate Professor (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.

Courses
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: 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.

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  Credits: 3
Term Offered: All Terms
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  Credits: 3
Prerequisite(s): ED-510 and ED-550
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  Credits: 3
Term Offered: All Terms
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  Credits: 3
Term Offered: All Terms
Course Type(s): None
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
Designed to introduce students to the concepts of linguistics as related to bilingual education and the teaching of English as a second language. Students will also learn structural aspects of linguistics, including morphology (words), syntax (sentence patterns), semantics (the meaning of words), phonetics and phonology (the sounds of language), pragmatics (the way language works in the world), 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
Term Offered: All Terms
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 Diverse Populations          Credits: 3
Prerequisite(s): ED-510
Term Offered: All Terms
Course Type(s): MAT, SJEDU
Addresses two issues in today's field of education: ESL students in mainstream classrooms and students with special needs in inclusion classrooms. The relevant topics will be explored to provide teacher candidates with a theoretical foundation, an understanding of their legal responsibility, and an opportunity to design instruction addressing various needs of diverse students in an inclusive setting. Limited to Education majors. Clinical Experience hours required.

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 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          Credits: 3
Prerequisite(s): ED-556 and EDL-575
Term Offered: All Terms
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: All Terms
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: Fall Term
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: Fall Term
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: Fall Term
Course Type(s): None
Science methods at the secondary level is designed for those with a strong 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 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: Fall Term
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: Fall Term
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.
<table>
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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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<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>
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<tr>
<td>ED-580</td>
<td>Secondary Social Studies Education Part II</td>
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<td>ED-579</td>
<td>Fall Term</td>
<td>None</td>
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<tr>
<td>ED-582</td>
<td>World Language Education</td>
<td>3</td>
<td>ED-529, ED-550, and FO-599</td>
<td>Fall Term</td>
<td>None</td>
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<tr>
<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>None</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>ED-585</td>
<td>Methods of Teaching English at the Secondary Level Part II</td>
<td>3</td>
<td>ED-578</td>
<td>Fall Term</td>
<td>None</td>
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<tr>
<td>ED-586</td>
<td>Bilingual Education: Theories and Practices</td>
<td>3</td>
<td>ED-583</td>
<td>All Terms</td>
<td>None</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>Fall Term</td>
<td>None</td>
</tr>
</tbody>
</table>

**Course Descriptions**

**ED-579 Teaching Social Studies and Cultural Education at the Secondary Level**

*Prerequisite(s):* ED-510, ED-550, and ED-552  
*Course Type(s):* None  
Introduces the middle-and secondary-level teacher certification candidate to social studies curriculum and methods. Emphasizes national and state educational standards for social studies 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 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**

*Prerequisite(s):* ED-579  
*Term Offered:* Fall Term  
*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**

*Prerequisite(s):* ED-529, ED-550, and FO-599  
*Term Offered:* Fall Term  
*Course Type(s):* None  
Issues and practices in world language education. Fieldwork is required.

**ED-583 Theories and Practice of ESL Instruction Part I**

*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:* Fall Term  
*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:* All Terms  
*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:* Fall Term  
*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 critical 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 required clinical intern 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 culturally and 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: 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 culturally and 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: All Terms
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 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
Term Offered: All Terms
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: 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. 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-606 Diversity in Education
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
Term Offered: All Terms
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: All Terms
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-616  Fundamentals of Curriculum Studies  Credits: 3
Term Offered: Fall 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
Term Offered: Summer Term
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): 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.

ED-626  Assessment Practice Now and When  Credits: 3
Term Offered: All Terms
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
Emphasis on commercially available computer software; analysis and evaluation of software design and documentation. Continuation of children's programming languages and word processing. Access to a microcomputer provided.

ED-645  Theories and Practice of ESL Instruction  Credits: 6
Term Offered: All Terms
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-658  Advanced Curriculum Studies  Credits: 3
Term Offered: All Terms
Course Type(s): EDCUR
A comprehensive study of the theory and practice of designing, evaluating, and implementing valid and effective P-12 curricula.

ED-670  Qualitative Research: Principles and Practices  Credits: 3
Term Offered: Fall Term
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-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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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 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: Fall Term
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
Term Offered: All Terms
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: Spring Term
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: Fall Term
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: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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: Fall Term
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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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.
## MAT Initial Certification in Art or Music (K-12 Certification and Subject Endorsement)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<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 Diverse Populations</td>
<td>3</td>
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<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
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<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
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<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
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Select one of the following:

- Education (ED), Art (AR) or Music (MU) 500-Level Independent Study

### Electives (15 credits)

Select two of the following:

- ED-524 Research in Teaching Practice
- ED-583 Theories and Practice of ESL Instruction Part I

- Education (ED) 500-Level Independent Study
- ED-606 Diversity in Education
- EDS-535 Technology and Students with Disabilities

- ED-593 Clinical Practice
- ED-594 Supervised Clinical Practice

### Total Credits 36

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### 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.

## MAT Initial Certification with Endorsements in K-12 Education in Health and Physical Education

<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 Diverse Populations</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>
</tbody>
</table>

### Electives (6 credits)

Select two of the following:

- ED-524 Research in Teaching Practice
- ED-583 Theories and Practice of ESL Instruction Part I
- ED-606 Diversity in Education
- EDS-535 Technology and Students with Disabilities

### Clinical Practice (9 credits)

Select one of the following Clinical Practice courses:

- ED-593 Clinical Practice
- ED-594 Supervised Clinical Practice

### 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>Credits</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3 ED-529 Content Literacy</td>
</tr>
<tr>
<td>ED-550 Teaching Diverse Populations</td>
<td>3 ED-596 Methods of Teaching Elementary Physical Education and Health</td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3 EDS-534 Classroom Management in Inclusive Settings</td>
</tr>
</tbody>
</table>

Semester Credits 9 Semester Credits 9

#### Second Year

<table>
<thead>
<tr>
<th>Credits</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>ED-593 Clinical Practice or 594</td>
<td>3 ED-597 Methods of Teaching Secondary Physical Education and Health</td>
</tr>
<tr>
<td>ED-500 or EDS-500 + Elective (please see curriculum chart for choices)</td>
<td>6</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.

### MAT Initial Certification, Elementary Track (K-6 Elementary Certification)

<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 Diverse Populations</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>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>
<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>ED-576</td>
<td>Teaching Social Studies at the Elementary Level</td>
<td>3</td>
</tr>
</tbody>
</table>
| ED-593  | Clinical Practice | 9
| or ED-594 | Supervised Clinical Practice | 9 |

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>Credits</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3 ED-562 Methods of Teaching Science at the Elementary Level</td>
</tr>
<tr>
<td>ED-550 Teaching Diverse Populations</td>
<td>3 ED-576 Teaching Social Studies at the Elementary Level</td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3 EDL-503 Literacy Instruction</td>
</tr>
</tbody>
</table>

Semester Credits 9 Semester Credits 9

#### Second Year

<table>
<thead>
<tr>
<th>Credits</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>ED-556 Teaching Elementary Mathematics</td>
<td>3 ED-593 Clinical Practice or 594</td>
</tr>
<tr>
<td>EDL-575 Methods of Teaching Language Arts and Content Literacy at the Elementary Level</td>
<td>3</td>
</tr>
<tr>
<td>EDS-534 Classroom Management in Inclusive Settings</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.

**MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in English as a Second Language (ESL)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirements (45 credits)</td>
<td></td>
<td></td>
</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 Diverse Populations</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>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>
<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>ED-576</td>
<td>Teaching Social Studies at the Elementary Level</td>
<td>3</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>
<tr>
<td></td>
<td>Total Credits 45</td>
<td></td>
</tr>
</tbody>
</table>

\(^1\) Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.

**Sequence Chart**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
<td>ED-562 Methods of Teaching Science at the Elementary Level</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ED-550 Teaching Diverse Populations</td>
<td>3</td>
<td>ED-576 Teaching Social Studies at the Elementary Level</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
<td>EDS-534 Classroom Management in Inclusive Settings</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Semester Credits</td>
<td>9</td>
<td>Semester Credits</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-536 Applied Linguistics for Language Teaching</td>
<td>3</td>
<td>ED-556 Teaching Elementary Mathematics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ED-583 Theories and Practice of ESL Instruction Part I</td>
<td>3</td>
<td>ED-584 Theories and Practice of ESL Instruction Part II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EDL-503 Literacy Instruction</td>
<td>3</td>
<td>EDL-575 Methods of Teaching Language Arts and Content Literacy at the Elementary Level</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Semester Credits</td>
<td>9</td>
<td>Semester Credits</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Year</th>
<th>Credits</th>
<th>Fall</th>
<th>Credits</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-593 Clinical Practice or 594 Supervised Clinical Practice</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester Credits</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
</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.
MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in Teacher of Students with Disabilities

### Requirements (48 credits)

<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 Diverse Populations</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>
<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>ED-576</td>
<td>Teaching Social Studies at the Elementary Level</td>
<td>3</td>
</tr>
<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-534</td>
<td>Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>EDS-572</td>
<td>Assessment Strategies and Applications in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDS-552</td>
<td>Methods of Teaching Students with Disabilities</td>
<td>3</td>
</tr>
</tbody>
</table>
| ED-593  | Clinical Practice
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

<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 Diverse Populations</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>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
</tr>
</tbody>
</table>

**Semester Credits** 9 Semester Credits 9

### Second Year

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS-534 Classroom Management in Inclusive Settings</td>
<td>3 ED-556 Teaching Elementary Mathematics 3</td>
<td></td>
</tr>
<tr>
<td>EDS-535 Technology and Students with Disabilities</td>
<td>3 EDL-575 Language Arts and Content Literacy at the Elementary Level</td>
<td></td>
</tr>
<tr>
<td>EDS-537 Collaborating with Families, Students, and Professionals in Community and Educational Settings</td>
<td>3 EDS-572 Assessment Strategies and Applications in the Classroom</td>
<td></td>
</tr>
</tbody>
</table>

**Semester Credits** 9 Semester Credits 9

### Third Year

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS-552 Methods of Teaching Students with Disabilities</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
| ED-593  Clinical Practice
or ED-594 Supervised Clinical Practice                                 | 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:
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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.

### MAT Initial Certification, K-12 (Certification K-12 Track and Subject Endorsement); K-12 Certification in: Spanish or Chinese

#### Requirements (24 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</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 Diverse Populations</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>

**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.
Foreign Language (FO) 500-Level Independent Study 3
Education (ED) or Spanish (FS) 500-Level Independent Study 3
Oral Proficiency Interview 0 credits
Spanish (Advanced Low) 3
Chinese (Interm. High) 3
Electives (12 credits)
Select one of the following: 3
ED-524 Research in Teaching Practice
ED-583 Theories and Practice of ESL Instruction Part I
ED-606 Diversity in Education
EDS-535 Technology and Students with Disabilities
ED-593 Clinical Practice 9
or ED-594 Supervised Clinical Practice
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
Fall Credits Spring Credits Fall Credits
ED-510 Psychological and Philosophical Foundations of Teaching 3 ED-529 Content Literacy 3
ED-550 Teaching Diverse Populations 3 EDS-534 Classroom Management in Inclusive Settings 3
EDS-500 Foundations of Special Education: Development Across the Lifespan 3
Semester Credits 9 Semester Credits 9
Second Year
Fall Credits Spring Credits Fall Credits
ED-582 World Language Education 3 ED-593 Clinical Practice or 594 9
ED-500 Elective 3
Foreign Language 500-Level Independent Study 3
Semester Credits 9 Semester Credits 9
Total Credits 36

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.

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.

MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement)

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>
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<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

<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 Method II

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</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>
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</table>

Select two of the following: 6

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ED-606</td>
<td>Diversity in Education</td>
<td></td>
</tr>
<tr>
<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
<td></td>
</tr>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
<td></td>
</tr>
<tr>
<td>ED-500</td>
<td>World Language Education</td>
<td></td>
</tr>
</tbody>
</table>
ED-524 Research in Teaching Practice  
ED-593 Clinical Practice  
or ED-594 Supervised Clinical Practice

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 Credits</th>
<th>Spring Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3 ED-529 Content Literacy</td>
</tr>
<tr>
<td>ED-550 Teaching Diverse Populations</td>
<td>3 EDS-534 Classroom Management in Inclusive Settings</td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3 ED-500 Elective or EDS-500 Elective (please refer to curriculum chart for choices)</td>
</tr>
</tbody>
</table>

Semester Credits 9 Semester Credits 9

Second Year

<table>
<thead>
<tr>
<th>Fall Credits</th>
<th>Spring Credits</th>
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<tbody>
<tr>
<td>Content Methods I (please refer to curriculum chart)</td>
<td>3 ED-593 Clinical Practice or 594</td>
</tr>
<tr>
<td>Content Methods II (please refer to curriculum chart)</td>
<td>3</td>
</tr>
<tr>
<td>ED-500 or EDS-500 + Elective (please refer to curriculum chart for choices)</td>
<td>3</td>
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</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.

MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language

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 Diverse Populations</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

- 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 Methods 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
- EN-563 Linguistics and the English Language or ED-536 Applied Linguistics for Language Teaching
- ED-583 Theories and Practice of ESL Instruction Part I
- ED-584 Theories and Practice of ESL Instruction Part II
- ED-593 Clinical Practice  
or ED-594 Supervised Clinical Practice

Total Credits 39

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 Credits</th>
<th>Spring Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510 Psychological and Philosophical Foundations of Teaching</td>
<td>3 ED-529 Content Literacy</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.

MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in Teacher of Students with Disabilities

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 Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
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</tbody>
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<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 Diverse Populations</td>
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</tr>
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<table>
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<tr>
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<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
<td>3</td>
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<td>ED-550</td>
<td>Teaching Diverse Populations</td>
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<tr>
<td>ED-529</td>
<td>Content Literacy</td>
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<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
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<td>ED-550</td>
<td>Teaching Diverse Populations</td>
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<tr>
<td>ED-529</td>
<td>Content Literacy</td>
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<table>
<thead>
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<tbody>
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<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
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<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
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<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
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<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Psychological and Philosophical Foundations of Teaching</td>
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<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<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 Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
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</table>

<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 Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
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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 Diverse Populations</td>
<td>3</td>
<td>ED-534 Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>ED-500 Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
<td>EDS-537 Collaborating with Families, Students, and Professionals in Community and Educational Settings</td>
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Second Year

<table>
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<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDS-535 Technology and Students with Disabilities</td>
<td>3</td>
<td>ED-537 Collaborating with Families, Students, and Professionals in Community and Educational Settings</td>
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</table>

Total Credits 42

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.

MAT Initial Certification, Spanish or Chinese (K-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language

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

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 Diverse Populations</td>
<td>3</td>
<td>ED-534 Classroom Management in Inclusive Settings</td>
<td>3</td>
</tr>
<tr>
<td>EDS-500 Foundations of Special Education: Development Across the Lifespan</td>
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<td>ESD-500 Classroom Management in Inclusive Settings</td>
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<td>Second Year</td>
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</tr>
<tr>
<td>Fall</td>
<td>Credits</td>
<td>Spring</td>
<td>Credits</td>
</tr>
<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>
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</tr>
<tr>
<td>ED-582 World Language Education</td>
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<td>Foreign Language (FO) 500-Level Independent Study</td>
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<td>Third Year</td>
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<td>Fall</td>
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<tr>
<td>ED-593 Clinical Practice or 594</td>
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<tr>
<td>Semester Credits</td>
<td>9</td>
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</tr>
<tr>
<td>Total Credits 39</td>
<td></td>
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</tbody>
</table>

1. ED-599, NCATE for Chinese or 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.

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.

MSEd Literacy

<table>
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<th>Code</th>
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<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>
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</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</td>
<td>3</td>
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<tr>
<td></td>
<td>Practices and Professional Development for</td>
<td></td>
</tr>
<tr>
<td></td>
<td>School Leaders</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 30

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 foressees 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 (MEd)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td></td>
<td>Social Justice in Education: Select one course</td>
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</tr>
<tr>
<td></td>
<td>designated with the course type SJEDU</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Education Foundations: Select one course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>designated with the course type: EDFOU</td>
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</tr>
<tr>
<td></td>
<td>Education Research: Select one course</td>
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<tr>
<td></td>
<td>designated with the course type: EDRES</td>
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</tr>
<tr>
<td></td>
<td>Education Curriculum: Select one course</td>
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</tr>
<tr>
<td></td>
<td>designated with the course type: EDCUR</td>
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<tr>
<td></td>
<td>Education Assessment: Select one course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>designated with the course type: EDAST</td>
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<tr>
<td></td>
<td>Electives: Select 15 credits of advisor-</td>
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</tr>
<tr>
<td></td>
<td>approved courses from an area of interest</td>
<td>15</td>
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</tbody>
</table>

Total Credits 30

Admission Requirements

1. Possession of a baccalaureate degree with an overall GPA per state requirement (see 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.
Certificate in TESOL

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</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>3</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>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
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</tr>
<tr>
<td>ED-584</td>
<td>Theories and Practice of ESL Instruction Part II</td>
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Total Credits 18

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.languagetesting.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.

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

<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>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>
<tr>
<td>ED-586</td>
<td>Bilingual Education: Theories and Practices</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 12

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.

Early Childhood Graduate Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDL-502</td>
<td>Development and Learning in Early Childhood</td>
<td>3</td>
</tr>
<tr>
<td>EDL-521</td>
<td>Early Childhood Family, School and Community Collaboration in a Diverse Society</td>
<td>3</td>
</tr>
<tr>
<td>EDL-522</td>
<td>Early Literacy and Language Development</td>
<td>3</td>
</tr>
<tr>
<td>EDL-560</td>
<td>Early Childhood Curriculum Assessment for Inclusive Environments</td>
<td>3</td>
</tr>
<tr>
<td>EDS-515</td>
<td>Advanced Literacy Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDS-530</td>
<td>Research Issues and Trends in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-606</td>
<td>Diversity in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>EN-563</td>
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<tr>
<td>or ED-536</td>
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<td>3</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 Diverse Populations</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>
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</tbody>
</table>

Total Credits 18
Admission Requirements

1. A bachelor's degree (BA or BS) with a satisfactory overall GPA per state requirements (see New Jersey Department of Education for details).
2. A standard New Jersey Instructional Certificate or a CEAS. If the applicant is not a certified teacher, the applicant must hold a New Jersey Certificate of Eligibility and be employed in an ESL position requiring certification.

As an added part of an initial certificate program:

1. Admission into any of the Monmouth University Initial Teaching Certification Programs (MAT).

Subject Endorsement in Chinese - Certificate of Eligibility with Advanced Standing (CEAS) Graduate Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirements (24 credits)</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 Diverse Populations</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 (Interm. High) 1</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>
<tr>
<td>Total Credits</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

2. Passing score required prior to student/supervised teaching

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.
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.

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

- M.S.Ed. Principal/School Administrator/Supervisor (p. 181)
- MSEd Principal/Supervisor (p. 181)
- MSEd School Counseling (p. 181)
- MSEd Student Affairs and College Counseling (p. 182)

Endorsements

- Director of School Counseling Services Post-Master’s Endorsement (p. 183)
- Student Assistance Coordinator Graduate Endorsement (p. 183)
- Supervisor’s Post-Master’s Endorsement (p. 183)

Doctorate

- EdD Educational Leadership (p. 184)

Faculty

Bernard Bragen, Assistant Professor (Graduate Faculty). B.A., M.A., Kean University; M.A., New Jersey City University; Ph.D., Nova Southeastern University. bbragen@monmouth.edu

Kathleen Grant, Assistant Professor (Graduate Faculty). B.S., Wagner College; M.A., The College of New Jersey; Ph.D., Montclair State University. kgrant@monmouth.edu

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, Assistant 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.
Vernon Smith, Assistant Professor (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.

vsmit@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
Term Offered: Summer Term
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
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.

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
Experiential and clinical opportunities to become 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.

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  Credits: 3
Term Offered: All Terms
Course Type(s): None
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.

EDC-545  Career Development and Counseling  Credits: 3
Prerequisite(s): EDC-500, EDC-505 and EDC-530
Term Offered: All Terms
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  Credits: 3
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  Credits: 3
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  Credits: 3
Prerequisite(s): EDC-500, EDC-505, and EDC-530
Term Offered: All Terms
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  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
Term Offered: All Terms
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: Spring Term
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-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-604  Clinical Practice in Addiction  Credits: 3
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 of the extended family and systemic community of those who use substances are 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. Also listed as SW-604.

EDC-605  Clinical Practice with Families and Children  Credits: 3
Term Offered: Fall Term
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. Also listed as SW-605.

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: Summer Term
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-702  Adult Development and Transformative Learning  Credits: 3
Term Offered: Summer Term
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.

EDD-706  Learning Through Experience: Individuals and Organizations  Credits: 3
Term Offered: All Terms
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 and critical 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-714  Leadership and Change  Credits: 3
Term Offered: All Terms
Course Type(s): None
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 "real world" problems and dilemmas using current case studies, in basket challenges, and information from the students' individual schools/districts.

EDD-716  Practicum in Executive Leadership  Credits: 3
Term Offered: All Terms
Course Type(s): None
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.

EDD-717  Internship for School Leadership P-12  Credits: 1
Term Offered: All Terms
Course Type(s): OL
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.

EDD-720  Contemporary Issues in Education  Credits: 3
Term Offered: Fall Term
Course Type(s): None
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.

EDD-721  Education Law and Policy P-12  Credits: 3
Term Offered: All Terms
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: Fall Term
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
Term Offered: All Terms
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
Term Offered: All Terms
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-799  Independent Study Education (DOC)  Credits: 3
Term Offered: Summer Term
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.
EDD-804 Analyzing and Interpreting Data
Term Offered: All Terms
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 write a preliminary 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
Term Offered: All Terms
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
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-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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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  
Prerequisite(s): EDL-569 or EDL-565  
Term Offered: All Terms  
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  
Prerequisite(s): EDL-569  
Co-requisite(s): EDL-590A  
Term Offered: Fall Term  
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  
Prerequisite(s): EDL-588  
Co-requisite(s): EDL-590B  
Term Offered: Spring Term  
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  
Co-requisite(s): EDL-588  
Term Offered: Fall Term  
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  
Co-requisite(s): EDL-589  
Term Offered: Spring Term  
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  
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. If a prerequisite is required it will be announced in the course schedule.

EDL-599 Independent Study in 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. Application must be filed before registration.

EDL-602 Research Methodology and Applications II  
Prerequisite(s): EDC-606  
Term Offered: All Terms  
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  
Term Offered: Summer Term  
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  
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
Term Offered: Fall Term
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-671 Advanced Practice with Children Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed for play therapy students; builds upon the foundation courses on individual, family and group counseling, with advanced clinical applications for work with children. Assessment and intervention skills are used with children and adolescents with special emphasis on expressive therapies such as art, play, sand tray, and music. Also listed as PC-671 and SW-671.

EDL-672 Advanced Theory in Play Therapy Credits: 3
Term Offered: Spring Term
Course Type(s): None
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. Also listed as PC-672 and SW-672.

EDL-673 Advanced Techniques in Play Therapy Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as PC-673 and SW-673.

EDL-674 Play Therapy for Children at Risk Credits: 3
Term Offered: Spring Term
Course Type(s): None
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. Also listed as PC-674 and SW-674.

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.
M.S.Ed. Principal/School Administrator/Supervisor

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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 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.

MSEd Principal/Supervisor

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<td>EDL-532</td>
<td>Human Resource Management and School Finance</td>
<td>3</td>
</tr>
<tr>
<td>EDL-533</td>
<td>Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>EDL-606</td>
<td>Research Based Program Evaluation and Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>EDL-588</td>
<td>Topics in School Leadership, Supervision, and Curriculum P-12</td>
<td>3</td>
</tr>
<tr>
<td>EDL-589</td>
<td>Advanced Topics in School Leadership, Supervision, and Curriculum P-12</td>
<td>3</td>
</tr>
<tr>
<td>EDL-590A</td>
<td>Internship for School Leadership (P-12) I</td>
<td>1</td>
</tr>
<tr>
<td>EDL-590B</td>
<td>Internship for School Leadership (P-12) II</td>
<td>1</td>
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</tbody>
</table>

Total Credits: 32

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.

MSEd School Counseling

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDC-500</td>
<td>Introduction to Professional Counseling</td>
<td>3</td>
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<tr>
<td>EDL-504</td>
<td>Introduction to Educational Leadership and Supervision for Student Learning P-12</td>
<td>3</td>
</tr>
<tr>
<td>EDL-536</td>
<td>Curriculum Development and Design</td>
<td>3</td>
</tr>
<tr>
<td>EDL-569</td>
<td>Public School Supervision and Communication</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>EDL-530</td>
<td>School Law and Policy</td>
<td>3</td>
</tr>
<tr>
<td>EDL-532</td>
<td>Human Resource Management and School Finance</td>
<td>3</td>
</tr>
<tr>
<td>EDL-533</td>
<td>Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>EDL-606</td>
<td>Research Based Program Evaluation and Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>EDL-588</td>
<td>Topics in School Leadership, Supervision, and Curriculum P-12</td>
<td>3</td>
</tr>
<tr>
<td>EDL-589</td>
<td>Advanced Topics in School Leadership, Supervision, and Curriculum P-12</td>
<td>3</td>
</tr>
<tr>
<td>EDL-590A</td>
<td>Internship for School Leadership (P-12) I</td>
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<tr>
<td>EDL-590B</td>
<td>Internship for School Leadership (P-12) II</td>
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</tr>
</tbody>
</table>

Total Credits: 32

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.
MSEd Student Affairs and College Counseling

**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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDC-505</td>
<td>Counseling and Ethical Practice</td>
<td>3</td>
</tr>
<tr>
<td>EDC-510</td>
<td>Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>EDC-540</td>
<td>Group Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-530</td>
<td>Counseling Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>EDC-520</td>
<td>Advanced Topics in Race and Racism</td>
<td>3</td>
</tr>
<tr>
<td>EDC-545</td>
<td>Career Development and Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-535</td>
<td>Diversity and Social Justice</td>
<td>3</td>
</tr>
<tr>
<td>EDC-550</td>
<td>Counseling At-Risk Children and Families</td>
<td>3</td>
</tr>
<tr>
<td>EDC-525</td>
<td>Assessment for Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-600</td>
<td>Practicum in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-555</td>
<td>School Counseling Program Planning and Consultation</td>
<td>3</td>
</tr>
<tr>
<td>EDC-601A</td>
<td>Internship in Counseling I: School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-602A</td>
<td>Internship in Counseling II: School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-CPE</td>
<td>Counseling Preparatory Comprehensive Examination</td>
<td>0</td>
</tr>
<tr>
<td>EDC-580</td>
<td>Behavioral Issues in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-606</td>
<td>Research Methodology and Applications</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>48</strong></td>
</tr>
</tbody>
</table>

**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). 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.

**Director of School Counseling Services Post-Master’s Endorsement**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDL-530</td>
<td>School Law and Policy</td>
<td>3</td>
</tr>
<tr>
<td>EDC-565</td>
<td>Supervision of Counselors</td>
<td>3</td>
</tr>
<tr>
<td>EDL-536</td>
<td>Curriculum Development and Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>9</strong></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 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PC-540</td>
<td>Introduction to Alcohol and Drug Abuse</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Select one of the following:</strong></td>
<td></td>
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<tr>
<td>PC-515</td>
<td>Human Development Through the Life Span</td>
<td>3</td>
</tr>
<tr>
<td>EDC-510</td>
<td>Human Growth and Development</td>
<td></td>
</tr>
<tr>
<td>SW-509</td>
<td>Human Behavior in the Social Environment</td>
<td></td>
</tr>
<tr>
<td>PC-546</td>
<td>Substance Awareness in the Schools or SW-628 School Social Work</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Select one of the following:</strong></td>
<td></td>
</tr>
<tr>
<td>PC-542</td>
<td>Treatment of Alcohol and Drug Abuse</td>
<td>3</td>
</tr>
<tr>
<td>EDC/</td>
<td>Clinical Practice in Addiction</td>
<td></td>
</tr>
<tr>
<td>SW-604</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDC-517/PC-510</td>
<td>Community Mental Health or SW-518 Global Community Practice</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Select one of the following:</strong></td>
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<tr>
<td>PC-680</td>
<td>Clinical Internship in Professional Counseling</td>
<td>3</td>
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<tr>
<td>EDC-610</td>
<td>SAC Internship</td>
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<tr>
<td>SW-630</td>
<td>Field Practicum III FC</td>
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<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>

**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.

**Supervisor Post-Master’s Endorsement**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDL-536</td>
<td>Curriculum Development and Design</td>
<td>3</td>
</tr>
<tr>
<td>EDL-569</td>
<td>Public School Supervision and Communication</td>
<td>3</td>
</tr>
<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></td>
<td><strong>Total Credits</strong></td>
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</table>

**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 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.
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.

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EdD Educational Leadership

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>EDD-702</td>
<td>Adult Development and Transformative Learning</td>
<td>3</td>
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<tr>
<td>EDD-706</td>
<td>Learning Through Experience: Individuals and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>EDD-710</td>
<td>Leadership, Diversity and Equity</td>
<td>3</td>
</tr>
<tr>
<td>EDD-712</td>
<td>International Leadership Models</td>
<td>3</td>
</tr>
<tr>
<td>EDD-714</td>
<td>Leadership and Change</td>
<td>3</td>
</tr>
<tr>
<td>EDD-716</td>
<td>Practicum in Executive Leadership</td>
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</tr>
<tr>
<td>EDD-720</td>
<td>Contemporary Issues in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDD-721</td>
<td>Education Law and Policy P-12</td>
<td>3</td>
</tr>
<tr>
<td>EDD-722</td>
<td>Leading Digital Learning and Innovation: Empowered Learners and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>EDD-724</td>
<td>Organizational Leadership Theory and Research</td>
<td>3</td>
</tr>
<tr>
<td>EDD-750</td>
<td>Advanced Program Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EDD-752</td>
<td>Quantitative Research</td>
<td>3</td>
</tr>
<tr>
<td>EDD-754</td>
<td>Leadership and Assessment</td>
<td>3</td>
</tr>
<tr>
<td>EDD-756</td>
<td>Qualitative Research</td>
<td>3</td>
</tr>
<tr>
<td>EDD-801</td>
<td>Research Design</td>
<td>3</td>
</tr>
<tr>
<td>EDD-802</td>
<td>Writing for Professional Publication in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDD-803</td>
<td>Design-Based Research</td>
<td>3</td>
</tr>
<tr>
<td>EDD-804</td>
<td>Analyzing and Interpreting Data</td>
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<tr>
<td>Total Credits</td>
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</tbody>
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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.
Special Education

Chair: Wendy Harriott, 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 - Autism Track (p. 188)
• MSEd Special Education - Autism and Applied Behavior Analysis Track (p. 189)
• MSEd Special Education - Learning Disabilities Teacher-Consultant Track (p. 189)
• MSEd Special Education - Teacher of Students with Disabilities Track (p. 189)
• MSEd Special Education - with Supervisor Endorsement (p. 190)

Certificates
• Applied Behavior Analysis (ABA) (p. 191)
• Autism (p. 191)

Endorsements
• Learning Disabilities Teacher-Consultant Post-Master’s Endorsement (p. 191)
• Teacher of Students with Disabilities Graduate Endorsement (p. 192)

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.

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.

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.
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
Prerequisite(s): MAT
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 that promote progress in the areas of communication, social, academic, behavior, and sensory motor skills 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-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: All Terms
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: All Terms
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: All Terms
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): 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-557  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.)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Course Type(s)</th>
<th>Term Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS-568</td>
<td>Advanced Instructional Methods in Special Education</td>
<td>3</td>
<td>EDS-500</td>
<td>None</td>
<td>All Terms</td>
</tr>
<tr>
<td>EDS-570</td>
<td>Assessment and Curricula Interventions and Strategies</td>
<td>3</td>
<td></td>
<td>None</td>
<td>All Terms</td>
</tr>
<tr>
<td>EDS-571</td>
<td>Management of Challenging Behaviors</td>
<td>3</td>
<td></td>
<td>None</td>
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<tr>
<td>EDS-572</td>
<td>Assessment Strategies and Applications in the Classroom</td>
<td>3</td>
<td></td>
<td>None</td>
<td>All Terms</td>
</tr>
<tr>
<td>EDS-580</td>
<td>Research Seminar in Special Education</td>
<td>3</td>
<td>EDS-530</td>
<td>None</td>
<td>Spring Term</td>
</tr>
<tr>
<td>EDS-590</td>
<td>Diagnosis and Correction of Learning Disabilities</td>
<td>3</td>
<td>EDS-568, EDS-570</td>
<td>None</td>
<td>All Terms, eighteen graduate credits</td>
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<tr>
<td>EDS-598</td>
<td>Special Topics in Special Education</td>
<td>3</td>
<td></td>
<td>None</td>
<td>All Terms</td>
</tr>
<tr>
<td>EDS-599</td>
<td>Independent Study in Special Education</td>
<td>3</td>
<td></td>
<td>None</td>
<td>All Terms</td>
</tr>
<tr>
<td>EDS-590</td>
<td>Applied Behavior Analysis: Selecting, Defining and Measuring Behavior and Evaluating Behavior Change</td>
<td>3</td>
<td>EDS-601</td>
<td>None</td>
<td>All Terms</td>
</tr>
<tr>
<td>EDS-602</td>
<td>Applied Behavior Analysis: Reinforcement, Punishment and the Development of the New Behavior</td>
<td>3</td>
<td>EDS-601</td>
<td>None</td>
<td>All Terms</td>
</tr>
</tbody>
</table>

Course Type(s): None
Term Offered: All Terms

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.)

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.

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.)

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.

Term Offered: All Terms
Course Type(s): None

Research in the field of special education using single-subject design is emphasized. An overview of various types of research and methodologies is included in the course. Candidates will locate, interpret, analyze and synthesize the research base in special education. Candidates will prepare and implement a comprehensive research project and share the results. "Field experience required".

Term Offered: All Terms
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.

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. If a prerequisite is required it will be announced in the course schedule.

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.

Term Offered: All Terms
Course Type(s): None

Includes an overview of basic concepts associated with applied behavior analysis. Candidates will examine selecting, defining, and measuring target behaviors, as well as, learning to evaluate and analyze behavior change. Ethical considerations for behavior analysts and interpreting research related to behavior analytic principles are also explored.

Term Offered: All Terms
Course Type(s): None

Includes detailed information on types of reinforcement and reinforcement schedules, punishment by stimulus presentation and removal, and antecedent variables. Developing new behaviors by utilizing imitation, shaping, and chaining is also discussed.
EDS-603 Applications of Applied Behavior Analysis (ABA) Principles  
Credits: 3  
Prerequisite(s): EDS-601 and EDS-602 and students must be enrolled in the Applied Behavior Analysis or the Basics of Applied Behavior Analysis certificate program  
Term Offered: All Terms  
Course Type(s): None  
Includes detailed information on decreasing behavior utilizing nonpunishment procedures, verbal behavior, self-management, contingency contracting and generalization of behavior. Ethical considerations for behavior analysts and functional behavior assessments are also discussed. Field experience required.

EDS-604 Assessment and Analysis of Behavior Change  
Credits: 3  
Prerequisite(s): EDS-601, EDS-602 and EDS-603  
Term Offered: All Terms  
Course Type(s): None  
Includes detailed information on conducting functional behavior assessments (FBA) and choosing the appropriate treatment package based on the results of the FBA. Emphasis is also placed on identification of appropriate replacement behaviors based on the function of the behavior and intervention development. (Field experience is required.)

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, EDS-604 and EDS-605  
Term Offered: All Terms  
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.

**MSEd Special Education - Autism Track**

<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>
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<tr>
<td>EDS-530</td>
<td>Research Issues and Trends in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
<td>3</td>
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</table>

**Core Requirements (6 credits)**

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>EDS-530</td>
<td>Research Issues and Trends in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
<td>3</td>
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</tbody>
</table>

**Applied Behavior Analysis Requirements (18 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>EDS-601</td>
<td>Applied Behavior Analysis: Selecting, Defining and Measuring Behavior and Evaluating Behavior Change</td>
<td>3</td>
</tr>
</tbody>
</table>
EDS-602 Applied Behavior Analysis: Reinforcement, Punishment and the Development of the New Behavior 3
EDS-603 Applications of Applied Behavior Analysis (ABA) Principles 3
EDS-604 Assessment and Analysis of Behavior Change 3
EDS-605 Research and Advanced Topics: in Autism and ABA 3
EDS-606 Ethics and Professionalism for Behavioral Analysis 3

**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 Research Seminar in Special Education 3

Total Credits 39

**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 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.

**MSEd Special Education - Learning Disabilities Teacher-Consultant Track**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>EDS-530</td>
<td>Research Issues and Trends in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
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</table>

or EDS-500 Foundations of Special Education: Development Across the Lifespan

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDS-537</td>
<td>Collaborating with Families, Students, and Professionals in Community and Educational Settings</td>
<td>3</td>
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<tr>
<td>EDS-538</td>
<td>Special Education Law</td>
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**LDTC Requirements (18 credits)**
<table>
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<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>EDS-532</td>
<td>Physiological Aspects of Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDS-550</td>
<td>Learning Theories and Applications in Educational Settings</td>
<td>3</td>
</tr>
<tr>
<td>EDS-568</td>
<td>Advanced Instructional Methods in Special Education</td>
<td>3</td>
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<tr>
<td>EDS-570</td>
<td>Assessment and Curricula Interventions and Strategies</td>
<td>3</td>
</tr>
<tr>
<td>EDS-590</td>
<td>Diagnosis and Correction of Learning Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>EDS-610</td>
<td>Internship in Learning Disabilities Teacher-Consultant</td>
<td>3</td>
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</table>

Total Credits 30

**MSEd Special Education - Teacher of Students with Disabilities Track**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS-502</td>
<td>Autism: Characteristics, Etiology, and Current Issues</td>
<td>3</td>
</tr>
<tr>
<td>EDS-530</td>
<td>Research Issues and Trends in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
<td>3</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.

Sequence Chart

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
<th>Summer</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS-500</td>
<td>3</td>
<td>EDS-572</td>
<td>3</td>
<td>EDS-502</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>Assessment Strategies and Applications in the Classroom</td>
<td></td>
<td>Autism: Characteristics, Etiology, and Current Issues</td>
<td></td>
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<tr>
<td>EDS-537</td>
<td>3</td>
<td>EDS-522</td>
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<td>EDS-535</td>
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<tr>
<td>Collaborating with Families, Students, and Professionals in Community and Educational Settings</td>
<td>Accommodating Learners with Special Needs in Inclusive Settings</td>
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<td>Technology and Students with Disabilities</td>
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</table>

15 Field Hours 25 Field Hours 25 Field Hours

Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDS-530</td>
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<td>EDS-552</td>
<td>3</td>
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<tr>
<td>Research Issues and Trends in Special Education</td>
<td>Methods of Teaching Students with Disabilities</td>
<td></td>
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<tr>
<td>EDS-534</td>
<td>3</td>
<td>EDS-580</td>
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<tr>
<td>Classroom Management in Inclusive Settings</td>
<td>Research Seminar in Special Education</td>
<td></td>
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</table>

30 Field Hours 40 Field Hours

Total Credits 30

MSEd Special Education with Supervisor Endorsement

Supervisor Requirements (12 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>EDS-536</td>
<td>Curriculum Development and Design</td>
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</tr>
<tr>
<td>EDS-569</td>
<td>Public School Supervision and Communication</td>
<td>3</td>
</tr>
<tr>
<td>EDS-582</td>
<td>Practicum in Supervision and Curriculum P-12</td>
<td>3</td>
</tr>
<tr>
<td>EDS-593</td>
<td>Administration and Supervision of Literacy Practices and Professional Development for School Leaders</td>
<td>3</td>
</tr>
</tbody>
</table>

Special Education Requirements (18 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS-530</td>
<td>Research Issues and Trends in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>EDS-538</td>
<td>Special Education Law</td>
<td>3</td>
</tr>
<tr>
<td>EDS-568</td>
<td>Advanced Instructional Methods in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EDS-572</td>
<td>Assessment Strategies and Applications in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDS-580</td>
<td>Research Seminar in Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 30

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 (ABA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>EDS-601</td>
<td>Applied Behavior Analysis: Selecting, Defining and Measuring Behavior and Evaluating Behavior Change</td>
<td>3</td>
</tr>
<tr>
<td>EDS-602</td>
<td>Applied Behavior Analysis: Reinforcement, Punishment and the Development of the New Behavior</td>
<td>3</td>
</tr>
<tr>
<td>EDS-603</td>
<td>Applications of Applied Behavior Analysis (ABA) Principles</td>
<td>3</td>
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<tr>
<td>EDS-604</td>
<td>Assessment and Analysis of Behavior Change</td>
<td>3</td>
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<tr>
<td>EDS-605</td>
<td>Research and Advanced Topics: in Autism and ABA</td>
<td>3</td>
</tr>
<tr>
<td>EDS-606</td>
<td>Ethics and Professionalism for Behavioral Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 18

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.

Certificate in Autism

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>EDS-502</td>
<td>Autism: Characteristics, Etiology, and Current Issues</td>
<td>3</td>
</tr>
<tr>
<td>EDS-530</td>
<td>Research Issues and Trends in Special Education</td>
<td>3</td>
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</tbody>
</table>

Total Credits 24

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.

Teacher of Students with Disabilities Graduate Endorsement

<table>
<thead>
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<tbody>
<tr>
<td>EDS-502</td>
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<td>3</td>
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<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-500</td>
<td>Foundations of Special Education: Development Across the Lifespan</td>
<td>3</td>
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<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
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<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>
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</tbody>
</table>

Total Credits: 21

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.
Speech-Language Pathology

Chair: Patricia Remshifski, 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. 195)

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

Patricia Remshifski, Assistant Professor and Chair (Graduate Faculty). B.S., East Stroudsburg University; M.S., Bloomsburg University; Ph.D., Seton Hall University. Research interests include disordered swallowing and communication coaching in adults with complex cognitive and language disorders with a special interest in Rett Syndrome.
premshif@monmouth.edu

Courses

SLP-CPE Comprehensive Portfolio Examination Credits: None
Prerequisite(s): SLP-680
Term Offered: Spring Term
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: Fall Term
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-636 Communication in Autism Spectrum Disorders Credits: 3
Term Offered: Fall Term
Course Type(s): None
Provides students with information regarding the types of Autism Spectrum Disorders and the unique communication skills of individuals with Pervasive Development Disorder and Autism Spectrum Disorders. Students learn therapy techniques and alternative communication methods. This course will use a lifespan perspective.

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-675 Traumatic Brain Injury Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines neurophysiological, cognitive, neuropsychological, and social/emotional issues associated with traumatic brain injury. Assessment and treatment for cognitive disorders associated with traumatic brain injury will be addressed.

SLP-679 Diagnostic Practicum in Speech-Language Pathology Credits: 3
Term Offered: Summer 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.

MSEd Speech-Language Pathology

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SLP-600</td>
<td>Professional Issues in Speech-Language Pathology</td>
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<td>SLP-604</td>
<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>
<td>Pediatric Language Disorders</td>
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<td>SLP-636</td>
<td>Communication in Autism Spectrum Disorders</td>
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<td>SLP-645</td>
<td>Speech Sound Disorders</td>
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<td>SLP-650</td>
<td>Fluency Disorders</td>
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<td>SLP-655</td>
<td>Disorders of Voice and Resonance</td>
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<td>SLP-660</td>
<td>Motor Speech Disorders</td>
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<td>SLP-664</td>
<td>Audiology and Aural Rehabilitation</td>
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<td>SLP-665</td>
<td>Augmentative and Alternative Communication</td>
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<td>SLP-675</td>
<td>Traumatic Brain Injury</td>
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<td>SLP-679</td>
<td>Diagnostic Practicum in Speech-Language Pathology</td>
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<td>SLP-680</td>
<td>Research Methods</td>
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<td>SLP-681</td>
<td>Clinical Practicum I</td>
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<td>SLP-682</td>
<td>Clinical Practicum II</td>
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<td>SLP-683</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.
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: Janet Mahoney, Ph.D.

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 nurse leaders. Graduates are committed to lifelong service to the nursing profession and prepared to enhance the quality of life for diverse populations in a global and increasingly interdependent society.

Education for nursing is idealistic and future-oriented yet sufficiently realistic to provide students with an opportunity to develop justifiable confidence in their intellectual, as well as clinical, proficiency in the practice of nursing. 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 nursing profession.

The faculty believe that education is an active, ongoing process involving student-teacher collaboration and that learning is an experiential activity. They believe that 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 within the program to enhance the development of cognitive, affective, and psycho motor abilities within the student. The nurse in advanced practice implements the roles of educator, researcher, advocate, clinician, consultant, collaborator, and manager of systems through independent nursing assessment, diagnosis, treatment, referral, and evaluation of individuals, families, groups, communities, and healthcare systems in a variety of settings.

Programs

Masters

- MSN: Adult-Gerontological Primary Care Nurse Practitioner (p. 220)
- MSN: Family Nurse Practitioner (p. 220)
- MSN: Nursing Administration (p. 222)
- MSN: School Nursing for Certified School Nurses (p. 225)
- MSN: School Nursing - Non-Certified School Nurses (p. 224)
- MSN: Nursing Education (p. 222)
- MSN: Forensic Nursing (p. 221)
- MSN: Psychiatric and Mental Health Nurse Practitioner (p. 223)

- MS in Athletic Training (p. 201)
- MS in Physician Assistant (p. 232)

Doctorate

- Doctor of Nursing Practice (p. 225)

Graduate Certificates

- Forensic Nursing (p. 226)

Post-Master’s Certificates

- Adult-Gerontological Primary Care Nurse Practitioner (p. 226)
- Family Nurse Practitioner (p. 227)
- Psychiatric and Mental Health Nurse Practitioner (p. 227)

Graduate Endorsements

- School Nursing (p. 228)
- School Nursing - Non-Instructional (http://catalog.monmouth.edu/graduate-catalog/marjorie-k-unterberg-nursing-health-studies/school-nursing-non-instructional-graduate-certificate)
Athletic Training

Chair: Christina Merckx, Department of Athletic Training

Program Mission

The mission of the of the athletic training graduate program is to prepare students for excellence and leadership roles within athletic training and across healthcare disciplines. Students will learn the technical and interpersonal skills necessary to provide preventative, emergency, and therapeutic care to athletes and physically active people.

Please visit the Monmouth University Athletic Training (https://www.monmouth.edu/graduate/msat-athletic-training) Web page for additional details about this program.

Programs

Masters

M.S. in Athletic Training (p. 201)

Faculty

Christina Merckx, Associate Professor and Chair (Graduate Faculty). B.S., Anderson University; M.S., University of Northern Colorado; Ph.D., University of Southern Mississippi. cmerckx@monmouth.edu

Courses

AT-520  Introduction to Athletic Training Credits: 1
Co-requisite(s): AT-520L
Term Offered: Summer Term
Course Type(s): None
Introduction to the athletic training profession. Examines the relationship of athletic trainers in the management and care of injuries and their roles as professional Allied healthcare practitioners. Course includes overview of the following topics: professional responsibilities, risk management and injury prevention, pathology of common sport related injury, differential diagnosis techniques, injury and illness management and referral, therapeutic intervention and professional development.

AT-520L  Basic Techniques in Athletic Training Lab Credits: 1
Co-requisite(s): AT-520
Term Offered: Summer Term
Course Type(s): None
Laboratory experience covering the basic practical skills associated with athletic training. Skills include; preventative taping and bracing, crutch fitting and use, application of cold (ice bags/cups) and heat (hot pack) modalities, basic stretching, environmental safety and pre-participations examination techniques.

AT-525  Emergency Care Credits: 2
Co-requisite(s): AT-525L
Term Offered: All Terms
Course Type(s): None
Examines the role of athletic trainers in the management and care of emergency and life threatening medical injury/illness. Lectures and case studies regarding emergent conditions and factors in efficacious medical response will be discussed. This course has a large practical component, requiring students to apply emergency and critical care techniques through practical experiences and exams. Students will be certified through the American Heart Association in Professional Rescuer CPR and AED. The role and responsibility of athletic trainers in Emergency Action Planning, athletic/side-line emergency care, environmental related injury and illness, catastrophic injury prevention and management, anthropometric measurement, use of devices for alternative airway and core body temperature will be discussed and practiced.

AT-525L  Basic Techniques in Emergency Care Lab Credits: 1
Co-requisite(s): AT-525
Term Offered: Summer Term
Course Type(s): None
Examines the role of athletic trainers in the management and care of emergency and life threatening medical injury/illness Laboratory experience to practice the skills required of an Emergency Medical Technician. This course has a large practical component, requiring students to apply emergency and critical care techniques through practical experiences and exams. Students will be certified through the National Registry of Emergency Medical Technicians. The role and responsibility of athletic trainers in Emergency Action Planning, athletic/side-line emergency care, environmental related injury and illness, catastrophic injury prevention and management, anthropometric measurement, use of devices for alternative airway and core body temperature will be discussed and practiced.

AT-530  Clinical Skeletal Anatomy Credits: 2
Co-requisite(s): AT-533 and AT-535
Term Offered: Summer Term
Course Type(s): None
Provides students with a functional understanding of the human body. Students will learn palpation and basic clinical testing techniques for skeletal tissues - bone, joint capsule, connective tissue and muscles. Early diagnostic procedures of functional assessment will be modeled and students will be required to complete both written and practical exams. Practical exams will include common bony and joint palpations, active and passive joint range of motion assessment techniques and manual muscle testing protocols.

AT-533  Introduction to Evidence Based Research Credits: 1
Co-requisite(s): AT-530 and AT-535
Term Offered: Summer Term
Course Type(s): None
Examines the most common research methods seen in the field of athletic training. Students will achieve a working understanding of quality research and how it becomes part of the evidence used to create policy and best practices, improve patient outcomes and greater expand the understanding of athletic training professionals. Students will learn the basics of empirical research, including the scientific method, definition of problems and hypotheses, constructs and definitions of research variables, methods and analysis. Students will create a case study for presentation in the final week of class.
AT-535  Physiology of Physical Activity  Credits: 2
Co-requisite(s): AT-530 and AT-533
Term Offered: Summer Term
Course Type(s): None
Presents the basic principles of the physiology of physical activity. Students will develop an understanding of normal and abnormal physiological findings, the body’s adaptations to activity/inactivity, and methods to prevent injury and improve activity level/athletic performance. An association of poor physiological function to injury and illness. Physical and physiological alterations due to repetitive stress on the body's systems will also be a focus of this course.

AT-540  Lower Extremity Evaluation and Differential Diagnostic Procedures  Credits: 2
Co-requisite(s): AT-540L
Term Offered: Fall Term
Course Type(s): None
Presents the basic principles of physical examination and application of diagnostic measures for the lower extremity. A detailed review of functional anatomy in the form of bony and soft tissue palpation, range of motion, manual muscle testing neurological examination, and special tests. Knowledge of all joints and structures of the lower extremity will be discussed and tested through written and clinical practical examinations. Joints evaluated will include Pelvic Girdle/Hip, Sacroiliac Joint Knee, Ankle, Foot/Toe (rear, mid, and forefront).

AT-540L  Lower Extremity Evaluation and Differential Diagnostic Laboratory  Credits: 1
Co-requisite(s): AT-540
Term Offered: Fall Term
Course Type(s): None
Laboratory experience to practice the skills of palpation, range of motion assessment (passive, active, and resistive), manual muscle testing, joint specific special tests, neurological testing, and assessment of findings in a lower extremity evaluation.

AT-545  Therapeutic Interventions I - Modalities  Credits: 2
Co-requisite(s): AT-545L
Term Offered: Fall Term
Course Type(s): None
Examine the body's tissue response to injury and methods used to create an optimal environment for healing. Use of the therapeutic modalities for acute and chronic injury will be the focus of Therapeutic Interventions I. Tissue response, the stages of healing, and pain modulation will be discussed using the following interventions - thermal modalities, manual therapies (massage, joint mobilizations, PNF), mechanical (traction), ultrasound and phonophoresis, electrical stimulation and iontophoresis, light (laser) therapies, and trending therapeutic interventions. Medical indications, contraindications, safety and legal considerations. Knowledge and understanding are tested through written and clinical practical exams. Students will complete a modalities research/presentation project.

AT-545L  Therapeutic Modalities Laboratory  Credits: 1
Co-requisite(s): AT-545
Term Offered: Fall Term
Course Type(s): None
Laboratory experience to practice the skills of application of superficial thermal agents, electrical stimulation, diathermy, therapeutic ultrasound, therapeutic low-level laser and light therapy, mechanical modalities (tractions, intermittent compression, continuous passive motion, massage and biofeedback), and use of therapeutic medications for phonophoresis and iontophoresis.

AT-550  Pathomechanics and Ergonomic Considerations in Physical Activity  Credits: 2
Prerequisite(s): AT-530 and AT-535
Term Offered: Fall Term
Course Type(s): None
Presents the basic principles of arthokinematics and pathomechanics of human movement. Students will develop an understanding of normal and abnormal human movement. An association of poor arthokinematics, biomechanics/pathomechanics, and ergonomics to injury and illness. Physical and physiological alterations due to repetitive stress on the body's systems will also be a focus of this course.

AT-555  Clinical Experience I  Credits: 2
Prerequisite(s): AT-520, AT-520L, AT-525, AT-525L, AT-540, AT-540L, AT-545, and AT-545L
Term Offered: Fall Term
Course Type(s): None
Guided practical experiences in the prevention, evaluation, treatment, disposition, and rehabilitation of athletic/active related injury. Clinical experiences will be provided under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students will be evaluated by clinical preceptors for course credit. Clinical experiences are meant to apply classroom/didactic knowledge and skills to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

AT-560  Upper Extremity Evaluation and Differential Diagnostic Procedures  Credits: 2
Co-requisite(s): AT-560L
Term Offered: Spring Term
Course Type(s): None
Presents the basic principles of physical examination and application of diagnostic measures for the upper extremity. A detailed review of functional anatomy in the form of bony and soft tissue palpation, range of motion, manual muscle testing neurological examination, and special tests will be presented through lecture. Knowledge of all joints and structures of the upper extremity will be discussed and tested through written and clinical practical examination. Joints evaluated will include: Steroclavicular, Shoulder Girdle, Glenohumeral/Shoulder Joint, Elbow, Wrist, Hand/Fingers.

AT-560L  Upper Extremity Evaluation and Differential Diagnostic Laboratory  Credits: 1
Co-requisite(s): AT-560
Term Offered: Spring Term
Course Type(s): None
Laboratory experience to practice the skills of palpation, range of motion assessment (passive, active, and resistive), manual muscle testing, joint specific special tests, neurological testing and assessment of finding in an upper extremity evaluation.
AT-565  Therapeutic Interventions II - Rehabilitation  Credits: 2
Co-requisite(s): AT-565L
Term Offered: Spring Term
Course Type(s): None
Examine the body's tissue response to injury and methods used to create an optimal environment for healing. Use of the therapeutic rehabilitation for acute and chronic injury will be the focus of Therapeutic Interventions II. The phases of tissue repair and rehabilitation, conditioning and reconditions of injured patients, development of functional rehabilitative exercise progression and return to play will be the focus of learning using the following interventions - range of motion techniques, resistance exercise for strength and balance, functional movement patterns and return to full participation in sport of daily living. Medical indications, contraindications, safety and legal considerations. Knowledge and understanding are tested through written and clinical practical exams. Students will present a therapeutic rehabilitation project.

AT-565L  Therapeutic Rehabilitation Laboratory  Credits: 1
Co-requisite(s): AT-565
Term Offered: Spring Term
Course Type(s): None
Laboratory experience to practice the skills and implementation of therapeutic rehabilitation techniques. Students will analyze posture and gait; assess ergo-dynamics, design and appropriately progress rehabilitation protocols of mock patients.

AT-570  Nutrition for Health and Sport  Credits: 2
Prerequisite(s): AT-530 and AT-535
Term Offered: Spring Term
Course Type(s): None
Examines the role of nutrition in improving performance, enhancing healing, and preventing illness and injury. General concepts in healthy eating, dietary requirements, weight management, body image dysmorphia and associated disorders, proper hydration, meal planning/timing, and over the counter performance enhancing supplements. Students will demonstrate knowledge and skills through completing written exams and class projects.

AT-575  Clinical Experience II  Credits: 2
Prerequisite(s): AT-560, AT-560L, AT-565, AT-565L, and AT-570
Term Offered: Spring Term
Course Type(s): None
Guided practical experiences in the prevention, evaluation, treatment, disposition, and rehabilitation of athletic/active related injury. Clinical experiences will be provided under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students will be evaluated by clinical preceptors for course credit. Clinical experiences are meant to apply classroom/didactic knowledge and skills to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

AT-580  Creating Evidence Based Research I  Credits: 1
Prerequisite(s): AT-533
Term Offered: Spring Term
Course Type(s): None
Creation of independent research projects, which add to the body of knowledge and evidence-based practice in athletic training. Students will select a research topic and define a research question. Complete a cursory review of relevant literature and effectively complete an introduction for an independent research project.

AT-585  Healthcare Management  Credits: 3
Prerequisite(s): AT-555
Term Offered: Spring Term
Course Type(s): None
Investigates the many legal and ethical aspects of athletic training. Basic legal concepts of constitutional rights and legal responsibilities, tort law/negligence, property/manufacturer law, personal service laws, the role of regulatory agencies and mitigating risk of legal action. The legal and ethical issues of equity and equality along with common ethical models and professional ethics. Understanding is evaluated through written examination and class projects.

AT-620  Axial Skeleton and Organ Evaluation and Differential Diagnosis Laboratory  Credits: 2
Co-requisite(s): AT-620L
Term Offered: Summer Term
Course Type(s): None
Presents the basic principles of physical examination and application of diagnostic measures for the structures of the axial skeleton and the organs of the thorax and abdomen. A detailed review of functional anatomy in the form of bony and soft tissue palpation, range of motion, manual muscle testing neurological examination, and specials tests. Knowledge of all joints and structures of the axial skeleton, thorax and abdomen are tested through written and clinical practical examination. Joints and organs evaluated will include cervical, thoracic, lumbar (and lumbosacral) spine, ribs, sternum, skull, brain, lungs, heart, liver, kidneys, stomach, intestine, urinary tract, and reproductive organs.

AT-625  Pathology of Illness and Injury  Credits: 3
Co-requisite(s): AT-635
Term Offered: Summer Term
Course Type(s): None
Examines the pathophysiological, biomechanical, and environmental factors of illness and injury in sport. An understanding of common illness/injuries found among athletic and active patients. Also presented will be pharmacological and non-pharmacologic interventions to improve health and limit/prevent injurious pathology. Students will demonstrate knowledge through performance on written examinations.

AT-630  Psycho-Social Aspects of Illness and Injury  Credits: 2
Co-requisite(s): AT-635
Term Offered: Summer Term
Course Type(s): None
Examines the psychological and sociological aspects of human performance and illness/injury. Students will recognize normal and abnormal social, emotional, and mental behaviors. Students will learn how to develop referral networks, improve communication and interpersonal skills with all constituents. The ability to educate athletes/patients, coaches, parents, and other health care professionals on impact of injury/illness on psychological and social well-being will be integral to this course. Student knowledge and understanding are evaluated through written examination, reflective assignments, and course related projects.
AT-635  Clinical Experience III
Credits: 1
Co-requisite(s): AT-625 and AT-630
Term Offered: Summer Term
Course Type(s): None
Guided practical and observational experiences in a general medical and orthopedic setting. Clinical experiences under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students are evaluated by clinical preceptors for course credit. Clinical experiences designed to apply classroom/didactic knowledge and skill to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

AT-640  Legal and Ethical Aspects of Healthcare
Credits: 2
Prerequisite(s): AT-520 and AT-525
Term Offered: Fall Term
Course Type(s): None
Investigates the many legal and ethical aspects of athletic training. Basic legal concepts of constitutional rights and legal responsibilities, tort law/negligence, property/manufacturer law, personal service laws, the role of regulatory agencies, and mitigating risk of legal action. The legal and ethical issues of equity, fairness and equality, along with common ethical models and professional ethics will also be explored. Understanding is evaluated through written examination and class projects.

AT-645  Therapeutic Interventions III - Pharmacological and Ergogenic Aids
Credits: 3
Prerequisite(s): AT-545, AT-545L, AT-565, and AT-565L
Term Offered: Fall Term
Course Type(s): None
Examines the scientific principles related to the effects of pharmaceuticals and ergogenic aids on sport performance. This course will focus on pharmaco-kinetics, pharmacodynamics, drug classifications (chemical, generic, trade, and legal), drug approval processes, statutory requirements related to storage and distribution, use of "Physician Desk References" and drug information documents, the long term effects of ergogenic aids/performance enhancing drugs and supplementation, and related sport governing body mandates for drug and supplement use.

AT-650  Creating Evidence Based Research III
Credits: 2
Prerequisite(s): AT-533 and AT-633
Term Offered: Fall Term
Course Type(s): HY
Students will complete a review of relevant literature and design methodology for independent research projects. All students will submit their introduction, literature review, and methods of data collection to the professor along with all forms for approval of the Institutional Review Board (IRB) at Monmouth University as evidence of their knowledge and understanding.

AT-655  Clinical Experience IV
Credits: 3
Prerequisite(s): AT-555, AT-575, and AT-635
Term Offered: Fall Term
Course Type(s): None
Guided practical experiences with an equipment intensive sport in the prevention, evaluation, treatment, disposition, and rehabilitation of athletic/active related injury. Clinical experiences under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students are evaluated by clinical preceptors for course credit. Clinical experiences designed to apply classroom/didactic knowledge and skills to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

AT-665  Collecting and Presenting Evidence Based Research
Credits: 1
Prerequisite(s): AT-533, AT-580, and AT-650
Term Offered: Spring Term
Course Type(s): HY
Collection of data and outcomes from an independent research project, analysis of data using SPSS, and interpretation of finding will be the focus of this course. Students will present their research projects through a poster presentation to peers, preceptors, and local healthcare professionals. Students will also be required to apply for a presentation of their research project at a scholarly meeting at the state, regional, or national level.

AT-670  Seminar in Athletic Training
Credits: 2
Prerequisite(s): AT-655
Term Offered: Spring Term
Course Type(s): HY
Final preparation for the profession of athletic training. Students will sharpen their resumes, complete job search and interview projects, and prepare for the Board of Certification (BOC) exam, complete documentation for state licensure and documentation for a National Provider Identification (NPI) number.

AT-675  Clinical Experience V
Credits: 4
Prerequisite(s): AT-555, AT-575, AT-635, and AT-655
Term Offered: Fall Term
Course Type(s): None
Guided practical experiences with an equipment intensive sport in the prevention, evaluation, treatment, disposition and rehabilitation of athletic/active related injury. Clinical experiences under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students are evaluated by clinical preceptors for course credit. Clinical experiences designed to apply classroom/didactic knowledge and skills to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

M.S. in Athletic Training

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AT-520</td>
<td>Introduction to Athletic Training</td>
<td>1</td>
</tr>
<tr>
<td>AT-520L</td>
<td>Basic Techniques in Athletic Training Lab</td>
<td>1</td>
</tr>
<tr>
<td>AT-525</td>
<td>Emergency Care</td>
<td>2</td>
</tr>
<tr>
<td>AT-525L</td>
<td>Basic Techniques in Emergency Care Lab</td>
<td>1</td>
</tr>
<tr>
<td>AT-530</td>
<td>Clinical Skeletal Anatomy</td>
<td>2</td>
</tr>
<tr>
<td>AT-533</td>
<td>Intro Evidence Based Rsh</td>
<td>1</td>
</tr>
</tbody>
</table>
Admission Requirements

Bachelor's degree: All applicants must possess a bachelor's degree from a regionally accredited college or university.

Grade Point Average: Have a cumulative grade point average (GPA) of 3.0 or above on a 4.0 scale and a minimum GPA of 3.0 in prerequisite courses.

Prerequisites: Successfully complete the following prerequisite courses with a grade of C or better: Human Anatomy & Physiology (1 & 2), Biology, Chemistry, Physics, General Psychology, Medical Terminology, and Statistics. Note: all science courses must have a laboratory component.

Clinical Observation Hours: Have a minimum of 50 hours of shadowing/clinical experience under the direction of a certified and state licensed athletic trainer. Clinical observation hours must be complete upon matriculation.

Two letters of recommendation: Submit two recommendation forms (through ATCAS), with one from a certified athletic trainer with whom the student completed his/her shadowing/clinical experience.

Letter of Intent: Students will submit a letter of intent detailing their desire for entry into the MSAT at Monmouth University. Also included in this letter will be a description of how they became interested in the profession of athletic training and their goals for attaining and utilizing the degree in the future.

Technical Standards: Possess essential skills, abilities, and aptitudes, known as technical standards, necessary to complete the program's curriculum. Applicants who can meet these requirements with reasonable accommodations are encouraged to speak to the Department of Disability Services for Students (email: dds@monmouth.edu or phone: 732-571-3460). The essential skills required include: Observation, Communication, Sensory and Motor, Intellectual-Conceptual, Integrative, and Quantitative Abilities, and Behavioral and Social Attributes.

Interview: Complete a personal interview with the MSAT Admissions Committee.

Program Specific Requirements: The profession of athletic training is concerned with the safety and well-being of all people. Athletic trainers work with diverse populations, who may be susceptible to abuse. State licensure and practice acts require that all licensed athletic trainers are compliant with federal/state background checks, fingerprints and in some cases random drug testing. Prior to Matriculation: All students will satisfactorily complete a background check. Prior to Clinical Practice: All students are required to obtain fingerprints and health information/immunizations as required by each clinical site.

Nursing

Chair: Rose Knapp, Department of Nursing

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

The faculty of the School of Nursing and Health Studies believe that the Monmouth University graduate programs in nursing prepare the graduate for advanced nursing practice and extend the values of autonomy, leadership, and professionalism that are stressed in the undergraduate nursing program to the nurse prepared at the graduate level. The function of the M.S.N. graduate is to promote, restore, and maintain health and/or allow for a peaceful, dignified death. Advanced nursing practice requires master's preparation and, where available, certification in a specialty area of practice by a recognized nursing certification program. Advanced nursing practice is based on 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 faculty believe that the nurse in advanced practice is proficient in a defined body of knowledge and a selected area of nursing practice. The nurse in advanced practice may work in an independent setting or in an interprofessional collaborative practice.

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.

Faculty believe that education for the nurse in advanced practice must be 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. This process enriches the conceptual base that supports both the critical thinking and ethical decision-making expected of the nurse in advanced practice. It strengthens the sense of commitment to the attitudes and values of the nursing profession.

Faculty believe that education at the graduate level is essential to provide students with an expanded and enhanced knowledge of nursing science. This level of education enables students to perfect their personal philosophy for advanced nursing practice, to understand the emerging roles of the professional nurse, and to modify their roles and responsibilities as healthcare continues to change. Students may transfer a maximum of nine credits to be applied toward the master's degree, provided the courses were completed with a grade of “B” or better and that the courses are appropriate for the graduate track.

**M.S.N. Forensic Nursing**

Forensic Nursing is the practice of nursing in which health care and the legal systems intersect. As an emerging field, forensic nursing encompasses a body of specialized knowledge that serves a unique and critical role to health care and the judicial systems. The registered nurse collaborates with the field of law to apply nursing science to public and legal proceedings. The registered nurse 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 specialization such as Care Management (e.g., Life Care Planner, Case Manager, Legal Nurse Consultant, Medicare Set Aside Coordinator) or Interpersonal Violence (e.g., Sexual Assault Nurse Examiner (SANE), Child or Elder Abuse, Death Investigator, provide health care in a correctional facility). The programs prepare graduates to work in a variety of areas including chair/elder abuse; legal nurse consulting; domestic violence intervention; life care planning; sexual assault examiner; mass disaster response; 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 haveNU-587P Practicum: School Nurse I (2 cr.) waived if they provide a letter of verification from a school official. School Nurse Students who show evidence of teaching health in a school system may haveNU-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, School Nurse Students with a baccalaureate degree in a field other than nursing may be required to takeNU-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 takeNU-413 Community Health Nursing I: Nursing of the Young Family (3 cr.) and/orNU-414 Community Health Nursing II: Nursing of Communities (3 cr.).

**M.S.N. School Nursing for Certified School Nurses**

Students with a baccalaureate degree in a field other than nursing may be required to takeNU-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 takeNU-413 Community Health Nursing I: Nursing of the Young Family (3 cr.) and/orNU-414 Community Health Nursing II: Nursing of Communities (3 cr.) at the discretion of their advisor.

**R.N. to M.S.N. Direct Program**

The School of Nursing and Health Studies offers an R.N. to M.S.N. Direct Program. The R.N. to M.S.N. Direct Program is designed to allow nurses to more quickly attain a Master of Science in Nursing degree. Registered nurses who presently hold an associate degree or diploma in nursing will be able to earn an M.S.N. degree without earning a baccalaureate degree upon successful completion of courses totaling 150 credits. Through full-time or part-time study, R.N.’s are provided the opportunity to advance their professional careers. Students are accepted into the R.N. to M.S.N. Direct Program if they satisfy all admission requirements (please refer to the Admission (p. 21) section of this catalog for details) including the successful completion of the thirty-credit Undergraduate Nursing Certificate. The requirements for this certificate are located in the Admission (p. 21) section of the undergraduate catalog and can also be found on the Monmouth University Web site (http://www.monmouth.edu/ university/important-information-and-links.aspx).

Depending on the selected M.S.N. track, students are required to complete thirty-six to forty-eight 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. Please note that graduate tuition and fees will apply once a student begins an M.S.N. program.

**Bridge Program for Registered Nurses**

Registered nurses with a bachelor’s degree in a field other than nursing can bridge into the M.S.N. program by taking three upper-division undergraduate nursing courses (nine credits) at Monmouth University prior to taking courses in the M.S.N. 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.

**Graduate Endorsements in School Nursing, School Nursing Non-Instructional**

The Monmouth University Graduate Endorsements in School Nursing is 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 takeNU-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 takeNU-413 Community Health Nursing I: Nursing of the Young Family (3 cr.) and/orNU-414 Community
Health Nursing II: Nursing of Communities (3 cr.). (Students with a baccalaureate degree in nursing will generally receive transfer credits for the preparatory 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, 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 credits (30 percent 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. 21) section of this catalog for additional admission requirements.

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

The D.N.P. program was established in 2011 and was 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 such as 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 doctorate that provides skills and competencies enabling graduates to contribute advanced practice nursing practice at its highest level and improve delivery of nursing care in complex healthcare environments, obtained through scholarly inquiry and translation of research.

The D.N.P. program is a thirty-six-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, inter-professional 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 bring together the theoretical and practical work in and out of the classroom, is a requirement for all students enrolled. Emersion into the leadership role is facilitated through several practicum courses.

Throughout the program, students gain the knowledge and leadership skills necessary to influence access to healthcare, to promote safety standards, and to advocate for policy changes on a local, regional, and national level so that delivery systems can be improved. In order to enter the D.N.P. program, students must be graduates of an accredited master’s level nursing program, have a current RN license, and certification in a specialty practice is preferred. Please refer to the Admission section of this catalog for additional admission requirements.

The baccalaureate degree in nursing, master’s degree in nursing, Doctor of Nursing Practice, and post-graduate APRN certificates at Monmouth University are accredited by the Commission on Collegiate Nursing Education (CCNE) (http://www.ccneaccreditation.org).

Programs

Masters

- MSN: Adult-Gerontological Primary Care Nurse Practitioner (p. 220)
- MSN: Family Nurse Practitioner (p. 220)
- MSN: Nursing Administration (p. 222)
- MSN: School Nursing for Certified School Nurses (p. 224)
- MSN: School Nursing - Non-Certified School Nurses (p. 224)
- MSN: Nursing Education (p. 222)
- MSN: Forensic Nursing (p. 221)
- MSN: Psychiatric and Mental Health Nurse Practitioner (p. 223)
- MS in Physician Assistant (p. 232)

Doctorate

- Doctor of Nursing Practice (p. 225)

Graduate Certificate

- Forensic Nursing (p. 226)

Graduate Endorsements

- School Nursing (p. 228)
- School Nursing - Non-Instructional (http://catalog.monmouth.edu/graduate-catalog/marjorie-k-unterberg-nursing-health-studies/school-nursing-non-instructional-graduate-certificate)

Post-Master’s Certificates

- Adult-Gerontological Primary Care Nurse Practitioner (p. 226)
- Family Nurse Practitioner (p. 227)
- Psychiatric and Mental Health Nurse Practitioner (p. 227)

Faculty

Belinda Anderson, Professor (Graduate Faculty). Director of the Institute for Health and Wellness. B.A., University of New England, Australia; M.A., Teachers College Columbia University; M.A.O.M., Massachusetts College of Pharmacy and Health Sciences; Ph.D., University of Sydney, Australia. Strong interest and belief in the importance of determining clinical effectiveness in real-world settings, utilizing evidence-proven complementary and integrative methods, and empowering the population to play a major role in their own personal health through education.

banderso@monmouth.edu

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 nursing research, quantitative and qualitative data analysis, online education, and psychosocial issues in chronic illness with an emphasis on multiple sclerosis.
Laura T Jannone, Associate Professor (Graduate Faculty). B.S.N., M.S., New Jersey City State College; Ed.D., Teachers College, Columbia University. NJ-CSN, FNASN. Specialty areas and interests are tobacco prevention and cessation, school nursing, and health policy.
ljannone@monmouth.edu

Rose Knapp, Associate Professor, Chair and Graduate Program Director (Graduate Faculty). B.A., State University of Plattsburgh; M.S., Seton Hall University; D.N.P., University of Miami, ACNP-BC. Specialty interest areas include acute care and emergency nursing issues, pharmacology and primary care, and disaster preparedness.
rknapp@monmouth.edu

Janet Mahoney, Professor (Graduate Faculty).
Dean, School of Nursing and Health Studies. 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.
cmanzett@monmouth.edu

Courses

NU-SANE  Sexual Assault Nurse Examiner  Credits: None
Term Offered: All Terms
Course Type(s): None
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-509  Health Informatics  Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduction to the concept of informatics and its impact on decision-making in nursing and allied health sciences. Review of the methodology of analyzing, formalizing, and processing information applicable to all components of health and nursing practice: clinical practice, management, education, and research; and investigating determinants, conditions, elements, models and processes in order to design, implement, and test the effectiveness and efficiency of computerized information as it relates to nursing and health practice. Includes (1) an overview of the basic computer skills required to process electronic information, (2) identification of the nature and types of health, nursing, and medical information available on the World Wide Web, (3) development of search skills associated with finding health, nursing, and medical information on the World Wide Web, and (4) linking electronic information to decision-making processes in nursing, medical, and allied health sciences. 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
Prerequisite(s): NU-509
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-509 and 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.

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-524  
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 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-536  Advanced Health Assessment for Forensic Nurses  
Credits: 3  
Prerequisite(s): NU-521 and NU-524  
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 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  
Term Offered: All Terms  
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  
Term Offered: All Terms  
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: Fall Term
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: Fall Term
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: All Terms
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  Credits: 3
Prerequisite(s): NU-518
Term Offered: Fall Term
Course Type(s): None
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 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-764. Students who have taken NU-564 are not eligible to take NU-764.

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
Provides an opportunity for the students to practice in the role of the novice academic nurse educator in diverse settings. Students apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor. Through 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-766P. 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 refine their educational 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-766S. Students who have taken NU-566S are not eligible to take NU-766S.

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 socio-cultural 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. 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: Spring Term
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: Spring Term
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-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: Fall Term
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
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-587S, and HE-584
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, NU-587S, and HE-584
Co-requisite(s): 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  Credits: 3
Term Offered: Fall 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  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.
NU-621  Advanced Practice Nursing I: Adult Gerontology  Credits: 3
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-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. 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-622P Advanced Practice Nursing Practicum I: Adult Gerontology  Credits: 3
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  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-623 and 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
Co-requisite(s): NU-623 and NU-624P
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. 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.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
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<tbody>
<tr>
<td>NU-631</td>
<td>Advanced Practice Nursing I: Family</td>
<td>3</td>
<td>NU-521, NU-524, NU-535, NU-541, and NU-542</td>
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<td>Fall Term</td>
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<td>Detailed case study analysis of common health problems of the adult and older adults 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 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 required 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.</td>
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<td>Establishment of collaborative role with other healthcare providers.</td>
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<td>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 required 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.</td>
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<td>NU-633</td>
<td>Advanced Practice Nursing Practicum I: Family</td>
<td>3</td>
<td>NU-631 and NU-632S</td>
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<td>Fall Term</td>
<td>None</td>
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<td>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. Establishement 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 required 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.</td>
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<td>NU-634S</td>
<td>Advanced Practice Nursing Seminar I: Family</td>
<td>1</td>
<td>NU-631 and NU-632P</td>
<td></td>
<td>Fall Term</td>
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<td>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 required 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.</td>
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NU-635 Advanced Practice Nursing Pediatrics Credits: 2
Co-requisite(s): NU-635P
Term Offered: All Terms
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
Co-requisite(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-662P and NU-662S
Term Offered: Fall Term
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
Term Offered: Fall Term
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-662P, and NU-662S
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 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.
with other healthcare providers. This is a pass/fail course. 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-521, NU-535, NU-543, and NU-544

Term Offered: Spring Term

Co-requisite(s): NU-672P and NU-672S

Prerequisite(s): NU-521, NU-535, NU-543, and NU-544

Course Type(s): None

Psychiatry Mental Health Nursing I: Practice with Children and Adolescents Seminar Credits: 1

Prerequisite(s): NU-669 and NU-670P

Term Offered: All Terms

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 administrate-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-542, and NU-544

Co-requisite(s): NU-670P and NU-670S

Term Offered: All Terms

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. In view of the reliance on direct practice experiences with children and adolescents, students will be placed in clinical sites concurrently with these courses (NU-670P and NU-670S). 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

Term Offered: All Terms

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-672S  Advanced Practice Psychiatric/Mental Health Nursing Seminar II  
Co-requisite(s): NU-671 and NU-672P  
Term Offered: Spring Term  
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  
Prerequisite(s): NU-671, NU-672P, and NU-672S  
Co-requisite(s): NU-674P and NU-674S  
Term Offered: All Terms  
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  
Prerequisite(s): NU-671, NU-672P, and NU-672S  
Co-requisite(s): NU-673 and NU-674S  
Term Offered: Fall Term  
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: Fall Term  
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: 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  
Credits: 3  
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  
Credits: 3  
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  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: Fall Term
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: Fall Term
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: Spring Term
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: Spring Term
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.
Leadership Immersion II

**Prerequisite(s):** NU-701, NU-702, NU-703, NU-705, NU-715, and 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 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.

Doctor Nursing Practice Project II

**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 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.

Leadership Immersion III

**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.

Tests and Measures

**Term Offered:** All Terms

**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.

Curriculum Development and Instruction in Nursing

**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 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-564. Students who have taken NU-764 are not eligible to take NU-564.

Nurse Educator Practicum I

**Co-requisite(s):** NU-766P

**Term Offered:** Fall Term

**Course Type(s):** OL

Provides an opportunity for the student to practice in the role of the novice academic nurse educator in diverse settings. Students apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor. Through 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. Requires 90 practicum hours. Also listed as NU-566P. Students who have taken NU-766P are not eligible to take NU-566P.

Nurse Educator Seminar I

**Co-requisite(s):** NU-766P

**Term Offered:** Fall Term

**Course Type(s):** None

Through discussion and sharing, students refine their educational 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-566S. Students who have taken NU-766S are not eligible to take NU-566S.
NU-767P  Nurse Educator Practicum II  Credits: 2
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-567P.

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: Spring Term
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-605  Health Promotion  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Designed to prepare students to provide healthcare and patient education using a patient-centered approach. Students will receive in-depth instruction in the principles of the patient-provider relationship, disease and the illness experience, health promotion and disease prevention. Includes an overview of basic nutrition standards and guidelines, fundamentals of nutrition assessment, and nutrition throughout the life cycle.

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.
PH-A610 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.

PH-A611 Neuroscience  Credits: 3  
Term Offered: Spring Term  
Course Type(s): None  
Covers the basic structure, organization, and function of the central nervous system (CNS). Lectures and laboratories focus on understanding localization of function within specific structures and pathways of the brain and spinal cord, and typical syndromes associated with vascular accidents, trauma or diseases of the various parts of the CNS. Neuroscience is a foundational course addressing basic anatomy and physiology of the nervous system. Neuroscience incorporates the view that individuals actively use their bodies in typical and adaptive strategies to achieve mastery in life roles. Behaviors are learned and generated through normal functioning of the nervous system. With damage to the central nervous system, behavior and therefore function is altered. The central nervous system has the capacity to adapt or compensate behaviorally. Prepares students in programs of occupational therapy, physical therapy and physician assistant with knowledge about normal function, the effects of damage, and neural plasticity in preparation for clinical intervention.

PH-A612 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.

PH-A621 Topics in Medicine and Surgery  Credits: 5  
Co-requisite(s): PH-A622  
Term Offered: Fall Term  
Course Type(s): None  
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.

PH-A622 Clinical Management  Credits: 2  
Co-requisite(s): PH-A621  
Term Offered: Fall Term  
Course Type(s): None  
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.

PH-A625 Research Methods I  Credits: 2  
Term Offered: Spring Term  
Course Type(s): None  
An exploration of 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 PH-A626.

PH-A626 Biostatistics for Physician Assistant's Research  Credits: 2  
Term Offered: Spring Term  
Course Type(s): None  
The goal of this course is to enhance each student’s understanding and effective use of the techniques used to describe and analyze data in health sciences. The intention is not to produce the sophistication in statistics, computer programming, or psychomotor application needed to develop and carry out major research projects. Rather, it is an introductory-level course with the objective of developing students’ competence in the application of the basic statistical techniques needed to explore, describe, and analyze information for research or evaluation purposes.

PH-A632 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.

PH-A633 Epidemiology for Physician Assistants  Credits: 2  
Term Offered: Fall Term  
Course Type(s): None  
Provides a basic understanding of the epidemiologic method of identifying disease-causing agents. Emphasizes the generation of hypotheses based on descriptive epidemiologic data, the testing of hypotheses by analytical epidemiologic research, the determination of causality, and the value of epidemiologic research in developing disease-prevention programs.
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.

PHA-651 Clinical Clerkships I Credits: 5
Term Offered: Fall Term
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 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.
MSN: Adult-Gerontological Primary Care Nurse Practitioner

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<th>Code</th>
<th>Title</th>
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<tr>
<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
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<td>NU-509</td>
<td>Health Informatics</td>
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<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice</td>
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<tr>
<td>NU-514</td>
<td>Data Management for Advanced Nursing Practice</td>
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<tr>
<td>NU-518</td>
<td>Education and Motivation of Nursing Clients</td>
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APN Concentration (13 credits)

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<td>Pathophysiology and Histology</td>
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<tr>
<td>NU-524</td>
<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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<tr>
<td>NU-541</td>
<td>Primary Care</td>
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<td>NU-542</td>
<td>Primary Care Laboratory</td>
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Clinical Specialty Adult (14 credits)

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<td>Advanced Practice Nursing I: Adult Gerontology</td>
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<td>NU-622P</td>
<td>Advanced Practice Nursing Practicum I: Adult Gerontology</td>
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<td>NU-622S</td>
<td>Advanced Practice Nursing Seminar I: Adult Gerontology</td>
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<td>NU-623</td>
<td>Advanced Practice Nursing II: Adult Gerontology</td>
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<tr>
<td>NU-624S</td>
<td>Advanced Practice Nursing Seminar II: Adult Gerontology</td>
<td>1</td>
</tr>
</tbody>
</table>

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 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. 197) 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.

MSN: Family Nurse Practitioner

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU-509</td>
<td>Health Informatics</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-518</td>
<td>Education and Motivation of Nursing Clients</td>
<td>3</td>
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</tbody>
</table>

APN Concentration (16 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tr>
<tr>
<td>NU-635</td>
<td>Advanced Practice Nursing Pediatrics</td>
<td>2</td>
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<tr>
<td>NU-635P</td>
<td>Advanced Practice Nursing Pediatrics Practicum</td>
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</table>

Clinical Specialty Family (14 credits)

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<tbody>
<tr>
<td>NU-631</td>
<td>Advanced Practice Nursing I: Family</td>
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<td>Advanced Practice Nursing Practicum I: Family</td>
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<tr>
<td>NU-632S</td>
<td>Advanced Practice Nursing Seminar I: Family</td>
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</tr>
<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: Family</td>
<td>3</td>
</tr>
</tbody>
</table>
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. 197) 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.

<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 1</td>
<td>3</td>
</tr>
<tr>
<td>NU-509</td>
<td>Health Informatics 1</td>
<td>3</td>
</tr>
<tr>
<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice 1</td>
<td>3</td>
</tr>
<tr>
<td>NU-514</td>
<td>Data Management for Advanced Nursing Practice 1</td>
<td>3</td>
</tr>
<tr>
<td>NU-518</td>
<td>Education and Motivation of Nursing Clients 1</td>
<td>3</td>
</tr>
<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-543</td>
<td>Diagnosis and Treatment of Psychopathology 1</td>
<td>3</td>
</tr>
<tr>
<td>NU-536</td>
<td>Advanced Health Assessment for Forensic Nurses</td>
<td>3</td>
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<tr>
<td>NU-577</td>
<td>Forensic Pathology 1</td>
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Advanced Practice Concentration (15 credits)
<table>
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<tr>
<th>Code</th>
<th>Title</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>
</tr>
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</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 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. 197) 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.

**MSN: Nursing Administration**

<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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<td>NU-509</td>
<td>Health Informatics</td>
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<tr>
<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice</td>
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<tr>
<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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</table>

**Nursing Administration Concentration (9 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>BA-513</td>
<td>Financial Accounting</td>
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</tr>
<tr>
<td>BA-514</td>
<td>Managerial Accounting</td>
<td>1.5</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>BK-520</td>
<td>Foundations of Marketing Management</td>
<td>1.5</td>
</tr>
<tr>
<td>BM-517</td>
<td>Introduction to Management</td>
<td>1.5</td>
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**Nursing Administration Specialty (12 credits)**

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<th>Code</th>
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</thead>
<tbody>
<tr>
<td>NU-661</td>
<td>Nursing Administration</td>
<td>3</td>
</tr>
<tr>
<td>NU-662P</td>
<td>Nursing Administration I Practicum</td>
<td>2</td>
</tr>
<tr>
<td>NU-662S</td>
<td>Nursing Administration I Seminar</td>
<td>1</td>
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<tr>
<td>NU-663</td>
<td>Nursing Administration II</td>
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</tr>
<tr>
<td>NU-664P</td>
<td>Nursing Administration II Practicum</td>
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</tr>
<tr>
<td>NU-664S</td>
<td>Nursing Administration II Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

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**

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**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.

**MSN: Nursing Education**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU-509</td>
<td>Health Informatics</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

MSN: Psychiatric and Mental Health Nurse Practitioner

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
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</tr>
<tr>
<td>NU-509</td>
<td>Health Informatics</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-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-562</td>
<td>Tests and Measures</td>
<td>3</td>
</tr>
<tr>
<td>NU-564</td>
<td>Curriculum Development and Instruction in Nursing Education</td>
<td>3</td>
</tr>
<tr>
<td>NU-566P</td>
<td>Nurse Educator Practicum I</td>
<td>2</td>
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<tr>
<td>NU-566S</td>
<td>Nurse Educator Seminar I</td>
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<td>NU-567P</td>
<td>Nurse Educator Practicum II</td>
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<td>Nurse Educator Seminar II</td>
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<tr>
<td>NU-568</td>
<td>Clinical Specialty</td>
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<tr>
<td>NU-669</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents</td>
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<tr>
<td>NU-670P</td>
<td>Psychiatric Mental Health Nurse Practitioner I: Practice with Children and Adolescents</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 I: Psychopharmacology and Introduction to Therapy</td>
<td>3</td>
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<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 I</td>
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<td>NU-673</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing III</td>
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<tr>
<td>NU-674P</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing Practicum III</td>
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</tr>
</tbody>
</table>
Nursing.

After the completion of the Undergraduate Certificate in Nursing, students must apply to a Master of Science in Nursing program and fulfill all admission requirements. Students who are interested in pursuing this program must apply to the RN to MSN Direct Program.

**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.

**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 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. 197) 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.

**MSN: School Nursing - Non-Certified School Nurses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-508</td>
<td>Factors Affecting Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU-509</td>
<td>Health Informatics</td>
<td>3</td>
</tr>
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<td>NU-512</td>
<td>Nursing Research for Advanced Nursing Practice</td>
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</tr>
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<td>NU-514</td>
<td>Data Management for Advanced Nursing Practice</td>
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</table>

**School Nursing Concentration (9 credits)**

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<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<td>NU-521</td>
<td>Pathophysiology and Histology</td>
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<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
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<td>NU-535</td>
<td>Advanced Health Assessment</td>
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**School Nursing Specialty (19 credits)**

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<td>NU-586</td>
<td>School Nursing II</td>
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</tr>
<tr>
<td>NU-587P</td>
<td>Practicum: School Nurse I</td>
<td>2</td>
</tr>
<tr>
<td>NU-587S</td>
<td>Seminar: School Nurse I</td>
<td>2</td>
</tr>
<tr>
<td>NU-588P</td>
<td>Practicum: School Nurse II</td>
<td>2</td>
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<tr>
<td>NU-588S</td>
<td>Seminar: School Nurse II</td>
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<tr>
<td>HE-584</td>
<td>Curriculum and Instruction in Health Education</td>
<td>3</td>
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</tbody>
</table>

**Total Credits**

40

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.
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.

MN: School Nursing for Certified School Nurses

<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>
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<tr>
<td>NU-509</td>
<td>Health Informatics</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>
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</table>

School Nursing Concentration (9 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
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</table>

School Nursing Specialty (11 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NU-585</td>
<td>School Nursing I</td>
<td>4</td>
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<tr>
<td>NU-586</td>
<td>School Nursing II</td>
<td>4</td>
</tr>
<tr>
<td>HE-584</td>
<td>Curriculum and Instruction in Health Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 32

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-701</td>
<td>Translating Evidence to Clinical Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU-702</td>
<td>Health Promotion in Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>NU-703</td>
<td>Epidemiology and Genetics/Genomics</td>
<td>3</td>
</tr>
<tr>
<td>NU-705</td>
<td>Interprofessional Collaboration and Team Facilitation</td>
<td>2</td>
</tr>
<tr>
<td>NU-706</td>
<td>Leadership Immersion I</td>
<td>1</td>
</tr>
<tr>
<td>NU-715</td>
<td>Organizational Leadership in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU-716</td>
<td>Health Care Policy for Advocacy in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>NU-718</td>
<td>Health Care Economics and Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>NU-720</td>
<td>Research Methods in Healthcare Leadership</td>
<td>3</td>
</tr>
<tr>
<td>NU-730</td>
<td>Doctor Nursing Practice Project I</td>
<td>3</td>
</tr>
<tr>
<td>NU-731</td>
<td>Leadership Immersion II</td>
<td>3</td>
</tr>
<tr>
<td>NU-732</td>
<td>Doctor Nursing Practice Project II</td>
<td>3</td>
</tr>
<tr>
<td>NU-733</td>
<td>Leadership Immersion III</td>
<td>3</td>
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</table>

Total Credits: 36

Note

- All courses must be passed with a grade of "B" or better.

Sequence Chart

<table>
<thead>
<tr>
<th>First Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>NU-701</td>
<td>3</td>
<td>NU-703 Epidemiology and Genetics/Genomics</td>
</tr>
<tr>
<td></td>
<td>NU-715</td>
<td>3</td>
<td>NU-716 Health Care Policy for Advocacy in Health Care</td>
</tr>
<tr>
<td>Semester Credits</td>
<td>6 Semester Credits</td>
<td>6</td>
<td></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>Fall</td>
<td>NU-702</td>
<td>3</td>
<td>NU-705 Interprofessional Collaboration and Team Facilitation</td>
</tr>
<tr>
<td></td>
<td>NU-720</td>
<td>3</td>
<td>NU-706 Leadership Immersion I</td>
</tr>
<tr>
<td>Semester Credits</td>
<td>6 Semester Credits</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<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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</table>

Forensic Nursing Specialty (9 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<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>
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<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: 0

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

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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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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APN Concentration (4 credits)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>NU-541</td>
<td>Primary Care ¹</td>
<td>3</td>
</tr>
<tr>
<td>NU-542</td>
<td>Primary Care Laboratory</td>
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</table>

Clinical Specialty - Adult (14 credits)

<table>
<thead>
<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>
<td>3</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>
<td>1</td>
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<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>
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<tr>
<td>NU-624S</td>
<td>Advanced Practice Nursing Seminar II: Adult Gerontology ¹</td>
<td>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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<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>
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**APN Concentration (7 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>
<td>1</td>
</tr>
<tr>
<td>NU-635</td>
<td>Advanced Practice Nursing Pediatrics ¹</td>
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<tr>
<td>NU-635P</td>
<td>Advanced Practice Nursing Pediatrics Practicum</td>
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**Clinical Specialty - Family (14 credits)**

<table>
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<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>NU-631</td>
<td>Advanced Practice Nursing I: Family ¹</td>
<td>3</td>
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<tr>
<td>NU-632P</td>
<td>Advanced Practice Nursing Practicum I: Family</td>
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<tr>
<td>NU-632S</td>
<td>Advanced Practice Nursing Seminar I: Family</td>
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</tr>
<tr>
<td>NU-633</td>
<td>Advanced Practice Nursing II: Family ¹</td>
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<tr>
<td>NU-634P</td>
<td>Advanced Practice Nursing Practicum II: Family</td>
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</tr>
<tr>
<td>NU-634S</td>
<td>Advanced Practice Nursing Seminar II: Family</td>
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**Psychiatric and Mental Health Nurse Practitioner Post-Master's Certificate**

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<th>Title</th>
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<tbody>
<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology ²</td>
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</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>
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**APN Core (9 credits) ¹**

<table>
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<tbody>
<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology ²</td>
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</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>
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</table>

**Clinical Specialty (20 credits)**

<table>
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<th>Title</th>
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<tbody>
<tr>
<td>NU-669</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents ¹</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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</tr>
<tr>
<td>NU-670S</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents Seminar ¹</td>
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</tr>
<tr>
<td>NU-671</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing I: Psychopharmacology and Introduction to Therapy ¹</td>
<td>3</td>
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<tr>
<td>NU-672P</td>
<td>Advanced Practice Psychiatric/ Mental Health Practicum II</td>
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<tr>
<td>NU-672S</td>
<td>Advanced Practice Psychiatric/ Mental Health Seminar II ¹</td>
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<tr>
<td>NU-673</td>
<td>Advanced Practice Psychiatric/ Mental Health III ¹</td>
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<tr>
<td>NU-674P</td>
<td>Advanced Practice Psychiatric/Mental Health Practicum III</td>
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<tr>
<td>NU-674S</td>
<td>Advanced Practice Psychiatric/Mental Health Seminar III ¹</td>
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**Total Credits**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
</tr>
</tbody>
</table>

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.

**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.

**School Nursing Graduate Endorsement**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
<td>3</td>
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<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>
<td>2</td>
</tr>
<tr>
<td>NU-587S</td>
<td>Seminar: School Nurse I</td>
<td>2</td>
</tr>
<tr>
<td>NU-588P</td>
<td>Practicum: School Nurse II</td>
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</tr>
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<td>NU-588S</td>
<td>Seminar: School Nurse II</td>
<td>2</td>
</tr>
<tr>
<td>HE-584</td>
<td>Curriculum and Instruction in Health Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 22

1  *Must be passed with a grade of "B" 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.

**Note:**

Students without a BSN may need to complete undergraduate credits in foundation nursing courses.

**School Nursing Non-Instructional Graduate Endorsement**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
<td>3</td>
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<tr>
<td>NU-536</td>
<td>Advanced Health Assessment for Forensic Nurses</td>
<td>3</td>
</tr>
<tr>
<td>NU-541</td>
<td>Primary Care I</td>
<td>3</td>
</tr>
<tr>
<td>NU-587P</td>
<td>Practicum: School Nurse I</td>
<td>2</td>
</tr>
<tr>
<td>NU-587S</td>
<td>Seminar: School Nurse I</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credits 13

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.
PHYSICIAN ASSISTANT PROGRAM

Interim Director: Gina Lamandre, PA-C, M.S.

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 2017 meeting, the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) placed the Monmouth University Physician Assistant program sponsored by Monmouth University on Accreditation-Probation status until its next review in March 2019. 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.
- 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)

Programs

Masters

M.S. in Physician Assistant (p. 232)

Faculty

Gina Lamandre, Specialist Professor.
Interim Director of the Physician Assistant Program. B.S., The College of New Jersey; PA-C, M.S., University of Massachusetts; M.S., University of Medicine and Dentistry. Emergency and family medicine. gilamand@monmouth.edu

Stephanie Lynch, Specialist Professor. B.S., Arizona University; PA-C, M.S., George Washington University. Experience in occupational medicine, OB/GYN, urgent care, and internal medicine. Professor Lynch is nationally certified as a physician assistant and is licensed in New Jersey. slynch@monmouth.edu

Erin O'Donoghue, Specialist Professor. B.S., Montclair State University; M.S., Seton Hall University. Spine pathologies, care of patients with pain related to neurologic, rheumatologic, orthopedic, and infectious conditions. eodonogh@monmouth.edu

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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s): None</th>
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<tbody>
<tr>
<td>PHA-604</td>
<td>Behavioral Medicine</td>
<td>2</td>
<td>Fall Term</td>
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<td>Course Type(s): None</td>
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<td>Provides an overview of psychiatric concepts and</td>
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<td>an introductory approach to the evaluation of</td>
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<td>patients with behavioral issues. Includes a</td>
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<td>discussion of various psychiatric syndromes,</td>
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<td>with a review of causal factors and clinical</td>
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<td>presentation. Provides an overview of normal</td>
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<td>human behavior development over the life span.</td>
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<td>The impact that psychological problems have on</td>
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<td>the total health care of the patient will be</td>
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<td>PHA-605</td>
<td>Health Promotion</td>
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<td>Fall Term</td>
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<td>Designed to prepare students to provide</td>
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<td>healthcare and patient education using a</td>
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<td>patient-centered approach. Students will</td>
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<td>receive in-depth instruction in the principles</td>
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<td>of the patient-provider relationship, disease</td>
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<td>and the illness experience, health promotion and</td>
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<td>disease prevention. Includes an overview of</td>
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<td>basic nutrition standards and guidelines,</td>
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<td>fundamentals of nutrition assessment, and</td>
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<td>nutrition throughout the life cycle.</td>
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<td>PHA-606</td>
<td>Physical Diagnosis</td>
<td>4</td>
<td>Spring Term</td>
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<td>Continuation on the focus of Introduction to</td>
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<td>Patient Assessment on developing physical</td>
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<td>examination skills and the process of clinical</td>
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<td>data collection. Introduces the process of</td>
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<td>clinical reasoning and decision making.</td>
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<td>Attention will be provided to the recognition</td>
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<td>and appropriate description of common abnormal</td>
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<td>physical findings. Emphasis will be placed on</td>
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<td>the analysis and interpretation of clinical data</td>
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<td>that occurs during the process of formulating</td>
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<td>a differential diagnosis.</td>
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<td>PHA-607</td>
<td>Diagnostic and Clinical Procedures</td>
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<td>Spring Term</td>
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<td>Instruction in interpretation of and indications</td>
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<td>for clinical laboratory tests, electrocardiogram,</td>
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<td>and diagnostic radiography. Identification and</td>
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<td>understanding of normal and abnormal results,</td>
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<td>and correlation with medical cases will be</td>
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<td>emphasized. The final exam emphasizes critical</td>
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<td>thinking with case-based analysis.</td>
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<td>PHA-608</td>
<td>Pharmacology for Physician Assistants</td>
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<td>Covers the most common classes of medications</td>
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<td>and their use in a variety of medical conditions.</td>
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<td>The primary focus of this course is</td>
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<td>the mechanism of actions of these drug classes</td>
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<td>and a description of different types of drug-re</td>
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<td>receptor interactions. This basic pharmacology</td>
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<td>course allows the physician assistant student</td>
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<td>to better understand the clinical use of drugs</td>
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<td>covered in Clinical Therapeutics (PHA-609).</td>
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<td>PHA-609</td>
<td>Clinical Therapeutics</td>
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<td>Designed to demonstrate the practical</td>
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<td>application of pharmaceutical science as</td>
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<td>utilized for the formulation of drug therapy</td>
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<td>decisions.</td>
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<td>PHA-610</td>
<td>Pathophysiology</td>
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<td>Focuses on the fundamentals of the pathologic</td>
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<td>changes that occur in different organs of the</td>
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<td>body. Gross and microscopic specimens are used</td>
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<td>to provide a clear understanding of the disease</td>
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<td>processes that affect the human body. Conducted</td>
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<td>as a lecture series that is supplemented</td>
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<td>by readings, lecture notes that will be emailed</td>
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<td>to the student, and a review of pathologic</td>
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<td>slides and specimens when appropriate. Provides</td>
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<td>an understanding of the pathologic process that</td>
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<td>leads to clinical signs and symptoms of</td>
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<td>diseases.</td>
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<td>PHA-611</td>
<td>Neuroscience</td>
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<td>Course Type(s): None</td>
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<td>Covers the basic structure, organization, and</td>
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<td>function of the central nervous system (CNS).</td>
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<td>Lectures and laboratories focus on understanding</td>
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<td>localization of function within specific</td>
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<td>structures and pathways of the brain and</td>
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<td>spinal cord, and typical syndromes associated</td>
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<td>with vascular accidents, trauma or diseases of</td>
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<td>the various parts of the CNS. Neuroscience is a</td>
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<td>foundational course addressing basic anatomy and</td>
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<td>physiology of the nervous system. Neuroscience</td>
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<td>incorporates the view that individuals actively</td>
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<td>use their bodies in typical and adaptive</td>
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<td>strategies to achieve mastery in life roles.</td>
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<td>Behaviors are learned and generated through</td>
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<td>normal functioning of the nervous system. With</td>
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<td>damage to the central nervous system, behavior-</td>
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<td>and therefore function-is altered. The central</td>
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<td>nervous system has the capacity to adapt or</td>
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<td>compensate behaviorally. Preparates students in</td>
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<td>programs of occupational therapy, physical</td>
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<td>therapy and physician assistant with knowledge</td>
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<td>about normal function, the effects of damage,</td>
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<td>and neural plasticity in preparation for</td>
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<td>clinical intervention.</td>
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<td>PHA-612</td>
<td>Introduction to the Physician Assistant</td>
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<td></td>
<td>Introduces the student to the physician</td>
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<td>assistant profession and professional practice</td>
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<td>issues. Includes the history of the Physician</td>
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<td>Assistant profession, significance of the PA-</td>
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<td>physician team, professional organizations,</td>
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<td>professionalism, and professional development.</td>
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<td>PHA-621</td>
<td>Topics in Medicine and Surgery</td>
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<td>Course Type(s): None</td>
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<td>Instructs students in the various disease</td>
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<td>entities in preparation for clinical</td>
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<td>internships. Students will develop their</td>
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<td>knowledge base in the etiology, clinical</td>
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<td>presentation, differential diagnoses, and</td>
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<td>therapeutic approach to disease processes. This</td>
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<td>course is composed of a series of lectures</td>
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<td>provided by primary care practitioners and</td>
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<td>specialists. Topics covered include a full-</td>
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<td>range of adult and pediatric health problems.</td>
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<td>An introduction to the fields of Obstetrics/</td>
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<td>Gynecology, Ophthalmology, and Surgery is</td>
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<tr>
<td></td>
<td>included. Attention is focused on data</td>
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<tr>
<td></td>
<td>collection, problem solving, clinical decision</td>
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<tr>
<td></td>
<td>making, and the importance of incorporating</td>
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<tr>
<td></td>
<td>patient education and preventive counseling in</td>
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<tr>
<td></td>
<td>the clinical encounter.</td>
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<td>Course Type(s)</td>
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<td>PHA-622</td>
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<td>Fall Term</td>
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<tr>
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<td>2</td>
<td>Spring Term</td>
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<tr>
<td>PHA-626</td>
<td>Biostatistics for Physician Assistant's Research</td>
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<td>Spring Term</td>
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</tr>
<tr>
<td>PHA-635</td>
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<td>Spring Term</td>
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<td>PHA-636</td>
<td>Healthcare Policy</td>
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<td>Spring Term</td>
<td>None</td>
</tr>
<tr>
<td>PHA-651</td>
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</tr>
<tr>
<td>PHA-652</td>
<td>Clinical Clerkships II</td>
<td>12</td>
<td>Spring Term</td>
<td>None</td>
</tr>
</tbody>
</table>

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.

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.

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.

The goal of this course is to enhance each student's understanding and effective use of the techniques used to describe and analyze data in health sciences. The intention is not to produce the sophistication in statistics, computer programming, or psychomotor application needed to develop and carry out major research projects. Rather, it is an introductory-level course with the objective of developing students' competence in the application of the basic statistical techniques used to explore, describe, and analyze information for research or evaluation purposes.

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.

Provides a basic understanding of the epidemiologic method of identifying disease-causing agents. Emphasizes the generation of hypotheses based on descriptive epidemiologic data, the testing of hypotheses by analytical epidemiologic research, the determination of causality, and the value of epidemiologic research in developing disease-prevention programs.

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.

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.

Provides a basic understanding of the epidemiologic method of identifying disease-causing agents. Emphasizes the generation of hypotheses based on descriptive epidemiologic data, the testing of hypotheses by analytical epidemiologic research, the determination of causality, and the value of epidemiologic research in developing disease-prevention programs.
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.

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.

**MS in Physician Assistant**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHA-601</td>
<td>Human Anatomy</td>
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<tr>
<td>PHA-602</td>
<td>Human Physiology</td>
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<tr>
<td>PHA-603</td>
<td>Introduction to Patient Assessment</td>
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</tr>
<tr>
<td>PHA-604</td>
<td>Behavioral Medicine</td>
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<tr>
<td>PHA-605</td>
<td>Health Promotion</td>
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</tr>
<tr>
<td>PHA-612</td>
<td>Introduction to the Physician Assistant Profession</td>
<td>1</td>
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<tr>
<td>PHA-606</td>
<td>Physical Diagnosis</td>
<td>4</td>
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<tr>
<td>PHA-607</td>
<td>Diagnostic and Clinical Procedures</td>
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<tr>
<td>PHA-608</td>
<td>Pharmacology for Physician Assistants</td>
<td>2</td>
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<td>PHA-609</td>
<td>Clinical Therapeutics</td>
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<td>Pathophysiology</td>
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<td>PHA-611</td>
<td>Neuroscience</td>
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<td>PHA-621</td>
<td>Topics in Medicine and Surgery</td>
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<td>PHA-622</td>
<td>Clinical Management</td>
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<td>PHA-651</td>
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<td>PHA-625</td>
<td>Research Methods I</td>
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<td>PHA-626</td>
<td>Biostatistics for Physician Assistant's Research</td>
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<td>PHA-653</td>
<td>Clinical Clerkships III</td>
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<td>PHA-632</td>
<td>Biomedical Ethics</td>
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<td>PHA-633</td>
<td>Epidemiology for Physician Assistants</td>
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<td>PHA-654</td>
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<td>PHA-635</td>
<td>Research Methods IV</td>
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<tr>
<td>PHA-636</td>
<td>Healthcare Policy</td>
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</table>

**Sequence Chart:**

**First Year**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>PHA-601 Human Anatomy</td>
<td>5</td>
<td>PHA-606 Physical Diagnosis</td>
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<tr>
<td>PHA-602 Human Physiology</td>
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<td>PHA-607 Diagnostic and Clinical Procedures</td>
<td>5</td>
</tr>
<tr>
<td>PHA-603 Introduction to Patient Assessment</td>
<td>5</td>
<td>PHA-608 Pharmacology for Physician Assistants</td>
<td>2</td>
</tr>
<tr>
<td>PHA-604 Behavioral Medicine</td>
<td>2</td>
<td>PHA-609 Clinical Therapeutics</td>
<td>2</td>
</tr>
<tr>
<td>PHA-605 Health Promotion</td>
<td>3</td>
<td>PHA-610 Pathophysiology</td>
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</tr>
<tr>
<td>PHA-612 Introduction to the Physician Assistant Profession</td>
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<td>PHA-611 Neuroscience</td>
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| Semester Credits | 19 |

**Second Year**

<table>
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<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
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<tbody>
<tr>
<td>PHA-621 Topics in Medicine and Surgery</td>
<td>5</td>
<td>PHA-625 Clinical Clerkships II</td>
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<tr>
<td>PHA-622 Clinical Management</td>
<td>2</td>
<td>PHA-626 Research Methods I</td>
<td>2</td>
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<tr>
<td>PHA-651 Clinical Clerkships I</td>
<td>5</td>
<td>PHA-627 Biostatistics for Physician Assistant's Research</td>
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| Semester Credits | 12 |

**Third Year**

<table>
<thead>
<tr>
<th>Fall</th>
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<th>Spring</th>
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<tr>
<td>PHA-653 Clinical Clerkships III</td>
<td>10</td>
<td>PHA-654 Clinical Clerkships IV</td>
<td>12</td>
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<tr>
<td>PHA-632 Biomedical Ethics</td>
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<td>PHA-635 Clinical Clerkships IV</td>
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<td>PHA-633 Epidemiology for Physician Assistants</td>
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<td>PHA-636 Healthcare Policy</td>
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<tr>
<td>PHA-635 Research Methods IV</td>
<td>1</td>
<td>PHA-636 Healthcare Policy</td>
<td>2</td>
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</tbody>
</table>

| Semester Credits | 14 |

**Total Credits**

| 95 |

**Admission Requirements**

1. Submit a completed Central Application Service for Physician Assistants (CASPA) application.
2. Possession of a baccalaureate degree from a regionally accredited college or university.
3. A minimum cumulative GPA of 3.0 on a 4.0 scale and a minimum 3.0 in prerequisite courses.
4. Successful completion of the following prerequisite courses with a grade of “C” or better: Human Anatomy and Physiology I and II; Chemistry I and Chemistry II; Biology I; Microbiology (all science courses must have laboratory component); General Psychology; and any one of the following math courses: pre-calculus, calculus, or statistics.
5. A minimum of 200 documented hours of shadowing/volunteering/clinical work experience.
6. Complete the Graduate Record Examination (GRE) in the past five years. There is no specific score needed for consideration, however, competitive applicants have scores above the 50th percentile in each of the three areas; Verbal, Quantitative and Analytical Writing.
7. Signed Technical Standards Acknowledgement and a $50 Monmouth University application fee.
8. Personal interview with the Admissions Committee.
9. Complete a background check prior to matriculation.
THE SCHOOL OF SOCIAL WORK

Dean: Robin Mama, Ph.D.
Director of the B.S.W. Program: Elena Mazza, Ph.D.
Director of the M.S.W. Program: Carolyn Bradley, 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. 242)
- Global and Community Practice (p. 242)

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. 242) and
- Global and Community Practice (G.C.P.) (p. 242)

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.

**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. 242)
- MSW Global and Community Practice Concentration (p. 242)

**Certificate**

- Graduate Certificate: Play and Expressive Therapies (p. 243)

**Faculty**

**Carolyn Bradley**, Associate Professor (Graduate Faculty). B.A., College of St. Elizabeth; M.S.W., Ph.D., Fordham University. Areas of interest are addictions, spirituality, gay/lesbian/bisexual/transgender issues. Current research is on spirituality and social work practice. cbradley@monmouth.edu

**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. mcroronin@monmouth.edu

**Cory Cummings**, Assistant Professor (Graduate Faculty). B.S.W., Nazareth College of Rochester; M.S.W., University at Buffalo, School of Social Work (S.U.N.Y); Ph.D., Virginia Commonwealth University. Health promotion interventions that engage and empower the peer mental health/recovery community, the meaning of wellness in the lives of survivors of mental illness, community based research strategies to create environments that promote wellness. ccumming@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

**Joelle Zabotka**, Assistant 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-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: Fall Term
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 within 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: Fall Term
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
Term Offered: All Terms
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
- **Prerequisite(s):** SW-510 passed with a grade of B or higher
- **Co-requisite(s):** SW-503, SW-513, and SW-518
- **Term Offered:** All Terms
- **Course Type(s):** None
- **Credits:** 3

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
- **Credits:** 3

- 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
- **Credits:** 3

- 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:** All Terms
- **Course Type(s):** None
- **Credits:** 3

- 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
- **Credits:** 1

- 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
- **Credits:** 3

- 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. Also listed as EDC-604.

### 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
- **Credits:** 3

- Provides a historical perspective on family-centered practice. Introduces major theories and intervention types that are the foundation for clinical work with diverse families. Also listed as EDC-605. Students must earn a grade of B or higher in this course or it will have to be repeated.

### SW-606 Working with Trauma in Child Welfare
- **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
- **Credits:** 3

- Develops clinical practice skills in child welfare, especially related to trauma assessment and intervention. Prepares students by teaching them the latest theories, research, and assessment and intervention strategies designed to assist youth and their families recover from traumatic experiences that may include sexual abuse, neglect, physical abuse, poverty, and parental substance abuse. A review of the historical, legal, and ethical issues provides students with enhanced personal and professional understanding of the complexities of working with youth and families with multiple problems in the child welfare system.

### 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
- **Credits:** 3

- 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  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
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 functions; finance resource management skills and knowledge; and other current concerns in human service management.

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 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: All Terms
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
Term Offered: Fall 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-618 Social Work Administration  Credits: 3
Term Offered: Fall Term
Course Type(s): TPS
Designed to deepen the student's knowledge of the information and skills needed to organize and manage a modern human service not-for-profit organization. Except for those in private practice, most social workers function within an organization or agency environment-very often in the not-for-profit sector. Within five years many holding MSW degrees will hold management positions in those organizations. Allows students to gain some preparation for this future possibility, while at the same time providing them with the tools to understand administrative processes in their organizations. Also listed as PS-618.

SW-619 Social Work Supervision  Credits: 3
Term Offered: All Terms
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: All Terms
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, 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: Fall 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, and 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
Term Offered: All Terms
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-633 Trauma Informed Practice with Children and Adolescents  Credits: 3
Term Offered: Summer Term
Course Type(s): None
Teaches social workers basic knowledge, skills and values about working with children who have experienced traumatic stress. Introduces students to traumatic stress and its impact on children, assessment tools that can help identify children affected by traumatic stress, and provides ways that child welfare workers can manage professional stress caused by secondary trauma. It also teaches how to use this knowledge to support children's safety, permanency, and well-being through case analysis and corresponding interventions tailored for them and their biological and resource families. Trauma is broadly defined, and includes children and adolescents exposed to traumatic events - including abuse and neglect and witnessing interpersonal crime (e.g. domestic violence), community violence, and other traumatic events - who have come into contact with the child welfare system. Students are given a general overview of child traumatic stress, trained on the Essential Elements of trauma-informed child welfare practice, and provided practical strategies that social workers can use when they encounter children who have experienced trauma.

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: All Terms
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: All Terms
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-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-655  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: Spring Term
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
Term Offered: All Terms
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-671  Advanced Practice with Children  Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed for play therapy students and builds on the foundation course on individual, family and group counseling, with advanced clinical applications for work with children. Assessment and intervention skills are used with children and adolescents with special emphasis on expressive therapies such as art, play, sand tray, and music. Also listed as EDL-671 and PC-671. Prior permission of the CPSWPT Program coordinator or MSW Director is required to register for this course.

SW-672  Advanced Theory in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-672 and PC-672.

SW-673  Advanced Techniques in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-673 and PC-673.

SW-674  Play Therapy for Children at Risk  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-674 and PC-674.
SW-675  Play Therapy Practicum Seminar I  Credits: 3
Term Offered: All Terms
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: All Terms
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-684  Introduction to Veterinary Social Work  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course will address the Human-Animal Bond. The four major facets of Veterinary Social Work (Grief and Bereavement), Compassion Fatigue, Animal Assisted Therapy, and the Link between Domestic Violence and Animal Abuse) will be explored. How non-human animals are viewed and treated in American society will be studied. At the end of class, the student will demonstrate basic competency in these four areas, as well as advanced competency in a specific area of their choice.

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.
MSW Clinical Practice with Families and Children Concentration

**Foundation Courses (30 credits)**

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<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>SW-503</td>
<td>Social Work Practice with Individuals and Families</td>
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<tr>
<td>SW-505</td>
<td>Social Welfare Policy and Services I</td>
<td>3</td>
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<tr>
<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>
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<td>SW-510</td>
<td>Field Practicum I</td>
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<tr>
<td>SW-513</td>
<td>Social Work Practice in Groups</td>
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<tr>
<td>SW-515</td>
<td>Social Welfare Policy and Services II</td>
<td>3</td>
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<td>SW-518</td>
<td>Global Community Practice</td>
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**Advanced Core Courses (6 credits)**

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<tr>
<td>SW-526</td>
<td>Evaluation of Practice Effectiveness</td>
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<td>SW-545</td>
<td>Clinical Social Work Assessment and Intervention Planning</td>
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<tr>
<td>SW-640</td>
<td>Field Practicum IV FC</td>
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**Family and Children Concentration (18 credits)**

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<td>SW-509</td>
<td>Human Behavior in the Social Environment I</td>
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<td>Field Practicum I</td>
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<td>SW-513</td>
<td>Social Work Practice in Groups</td>
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<td>SW-515</td>
<td>Social Welfare Policy and Services II</td>
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<td>Global Community Practice</td>
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<td>SW-520</td>
<td>Field Practicum II</td>
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**Electives (6 credits)**

Select 2 courses from approved departmental selections

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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>60+ level</td>
</tr>
</tbody>
</table>

Total Credits 60

*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>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-503</td>
<td>3</td>
<td>SW-507</td>
<td>3</td>
</tr>
<tr>
<td>SW-505</td>
<td>3</td>
<td>SW-513</td>
<td>3</td>
</tr>
<tr>
<td>SW-509</td>
<td>3</td>
<td>SW-515</td>
<td>3</td>
</tr>
<tr>
<td>SW-510</td>
<td>3</td>
<td>SW-519</td>
<td>3</td>
</tr>
<tr>
<td>SW-518</td>
<td>3</td>
<td>SW-520</td>
<td>3</td>
</tr>
</tbody>
</table>

Semester Credits 15 Semester Credits 15

**Second Year**

Select 3 credits of Social Work (SW-600+) Graduate Electives

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-505</td>
<td>3</td>
<td>SW-626</td>
<td>3</td>
</tr>
<tr>
<td>SW-527</td>
<td>3</td>
<td>SW-640</td>
<td>3</td>
</tr>
<tr>
<td>SW-630</td>
<td>3</td>
<td>SW-645</td>
<td>3</td>
</tr>
<tr>
<td>SW-665</td>
<td>3</td>
<td>SW-669</td>
<td>3</td>
</tr>
</tbody>
</table>

Semester Credits 15 Semester Credits 15

Total Credits 60

**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 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.

**MSW Global and Community Practice Concentration**

**Foundation Courses (30 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-503</td>
<td>Social Work Practice with Individuals and Families</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-507</td>
<td>Social Work Research</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>
</tbody>
</table>
SW-513 Social Work Practice in Groups 3
SW-515 Social Welfare Policy and Services II 3
SW-518 Global Community Practice 3
SW-519 Human Behavior in the Social Environment II 3
SW-520 Field Practicum II 3

Advanced Core Courses (6 credits)

SW-627 Implications of Social Justice and Human Rights for Social Work 3
SW-669 Applications of Social Justice and Human Rights in Social Work 3

Global and Community Practice Concentration (21 credits)

SW-613 Social Work Leadership and Management 3
SW-614 Grant Writing 3
SW-615 Advanced Global and Community Practice 3
SW-617 Environmental Justice and Sustainable Development in Social Work 3
SW-625 Program Planning and Evaluation 3
SW-631 Field Practicum III CI 3
SW-641 Field Practicum IV CI 3

Electives (3 credits)

Select 1 course from approved departmental selections at the 600+ level.

Total Credits 60

Sequence Chart

(1) Full time, 60 credits. If your circumstances are different, please consult with your advisor.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<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>SW-505 Social Welfare Policy and Services I</td>
<td>3</td>
<td>SW-513 Social Work Practice in Groups</td>
<td>3</td>
</tr>
<tr>
<td>SW-509 Human Behavior in the Social Environment I</td>
<td>3</td>
<td>SW-515 Social Welfare Policy and Services II</td>
<td>3</td>
</tr>
<tr>
<td>SW-510 Field Practicum I</td>
<td>3</td>
<td>SW-519 Human Behavior in the Social Environment II</td>
<td>3</td>
</tr>
<tr>
<td>SW-518 Global Community Practice</td>
<td>3</td>
<td>SW-520 Field Practicum II</td>
<td>3</td>
</tr>
<tr>
<td>Semester Credits</td>
<td>15 Semester Credits</td>
<td>15</td>
<td></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>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-614 Grant Writing</td>
<td>3</td>
<td>SW-617 Environmental Justice and Sustainable Development in Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SW-615 Advanced Global and Community Practice</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>
</tbody>
</table>

Graduate Certificate Play and Expressive Therapies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-671</td>
<td>Advanced Practice with Children</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>Advanced Clinical Practice with Children</td>
<td></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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW-602</td>
<td>Domestic Violence</td>
<td>3</td>
</tr>
<tr>
<td>SW-628</td>
<td>School Social Work</td>
<td></td>
</tr>
<tr>
<td>SW-675</td>
<td>Play Therapy Practicum Seminar I</td>
<td></td>
</tr>
<tr>
<td>SW-676</td>
<td>Play Therapy Practicum Seminar II</td>
<td></td>
</tr>
<tr>
<td>Social Work 600-level Special Topics Course</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 18

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.

With permission of the certificate/program coordinator

1 With permission of the certificate/program coordinator
Admission Requirements
A master's degree in a medical or mental health discipline (for example, MSN, MSW, MA) and eligibility for licensure in that discipline.
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 provides a more in-depth description of these programs and services as well as 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, oversees Fraternity and Sorority Life and the operation of the Student Center, and supports and provides weekend programming and a film series. It 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 sixteen 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; and Pier Village. 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, all of whom are intensively trained in providing assistance, information, activities, and programs for resident students. The Associate Vice President for Student Life, two Associate Directors 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 take part in a comprehensive two-day, one-night New Student Orientation Program during the month of July. 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. Prior to the program, students must
complete an online Math Placement Test. During orientation, students will attend an advising/registration program during which they will work with a First-Year Advisor to develop a schedule for the fall semester. They will also 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 opportunities to come to campus to learn about life at Monmouth University during their student’s first year on campus. The first is a Parent Orientation, offered in June, before New Student Orientation. Families will receive important information about their student’s upcoming transition into life as a university student and meet representatives from across the campus. All are invited back to campus again for Family Weekend, which usually 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 five National Interfraternity Conference (NIC) fraternities, six National Panhellenic Conference (NPC) sororities, and five culturally based organizations on campus.

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:

- Delta Tau Delta,
- Phi Kappa Psi,
- Sigma Pi,
- Tau Delta Phi, and
- Sigma Tau Gamma.

The sororities include:

- Alpha Omicron Pi,
- Alpha Sigma Tau,
- Alpha Xi Delta,
- Delta Phi Epsilon, and
- Phi Sigma Sigma.

The five culturally based organizations are:

- Lambda Theta Alpha Latin Sorority, Inc.,
- Alpha Kappa Alpha Sorority, Inc.,
- Lambda Theta Phi Latin Fraternity, Inc.,
- Omega Psi Phi Fraternity, Inc.,
- Chi Upsilon Sigma National Latin Sorority, Inc.

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 upper-class 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 115 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. 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 read the bulletin boards, social media sites, e-mail, electronic boards, the student newspaper (The Outlook) and the Calendar of Events 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, the Santander Bank office and 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 the Division of Student Life, the Center for Student Success, the Office of Career Services, Student Activities/Operations, Judicial Affairs, Central Scheduling, the Office of Off-Campus and Commuter Services, Conference Services and Special Events, Academic Foundations Office, Office for Disability Services, Office of Veteran Services, Office of Counseling and Psychological Services, Global Education, Office of Fraternity and Sorority Life, and the Intercultural Center.

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, sailing, croquet, boxing, softball, baseball, men's bowling 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, Shadows (Elmwood Hall), Plangere Center, Bey Hall Express, a Convenience Store in Hesse Hall, and the Café at the Library. 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. For more information, contact OCCS at 732-253-5651 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 resident students, regardless of age, are required to receive the meningitis vaccine within five years of coming to campus. 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. Students are seen on a walk-in basis. Appointments are required for the Women’s Clinic, physicals, and psychiatric evaluations. Services include: diagnosis and treatment of common ambulatory illnesses and injuries, immunizations, allergy injections, physicals, GYN services, drug and alcohol screening, psychiatric evaluation, and medication titration.

The Health Center hours are: Monday through Thursday, 8:00 a.m. to 7:00 p.m., and Friday, 8:00 a.m. to 5:00 p.m.

Health Services is staffed with four nurse practitioners, a nurse practitioner/director, a licensed drug and alcohol counselor, 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 collaboration 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. 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 Veteran Services** supports all military-affiliated students through comprehensive programs, mentoring, and benefit services. Additionally, the Coordinator of Veteran Services advises the Monmouth University Veterans' Association. The Office of Veteran Services is located on the second floor of the Rebecca Stafford Student Center, room 202D. Office hours are Monday through Friday 8:45 a.m. to 5:00 p.m. Michael Callahan, Coordinator of Veteran Services, can be reached at 732-263-5258.
DIRECTORIES

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Vice Chair: Jeana M. Piscatelli, ’01, ’02M
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Secretary: Carol A. Stillwell

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Ocean Township, NJ

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President
Monmouth University
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and Physician Practices
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Summit, NJ

Lisa Mckean (2015)
Marketing Director
Monmouth Conservation Foundation
Middletown, NJ

Henry D. Mercer, III ’87 (2010)
President
Mercer Capital Advisors, Inc.
Little Silver, NJ

Thomas J. Michelli (2017)
President
Michelli Associates
Wayside, NJ

Valerie Montecalvo (2018)
President and Chief Executive Officer
Bayshore Recycling
Keasbey, NJ

Antoinette M. Musorrafii (2019)
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
Ocean First Bank
Red Bank, NJ

Michael A. Plodwick ’82 (2009)
Robert B. Rumsby ’77 (2018) (ex officio)
CEO
Alpha Beta Development, LLC
Lake Como, NJ

Christopher Shaw (2018)
Managing Director
Morgan Stanley
Red Bank, NJ

Carol A. Stillwell (2012)
President/CEO
Stillwell-Hansen, Inc.
Edison, NJ

Michelle Spicer Toto ’94M (2011)
Leave of Absence

Webster B. Trammell, Jr., PsyD ’70, ’73 (2013)
Middletown, NJ

Life Trustees
Paul W. Corliss (2000)
President and CEO
The Silver Fox Club
Manasquan, NJ

Harold L. Hodes ’65 (1997)
Senior Partner
Public Strategies Impact, LLC
Trenton, NJ

Chief Executive Officer
Press Communications, LLC
Neptune, NJ

William B. Roberts (1996)
President
Monmouth Capital
New York, NY

Trustees Emeriti
Stanley S. Bey ’59 (2018)
Boca Raton, FL

Partner
Greenbaum, Rowe, Smith, & Davis, LLP
Woodbridge, NJ

Chairman and President
Arrowpac, Inc.
Secaucus, NJ

Judith Ann Eisenberg (1993)
Italy

Alfred L. Ferguson, Esq. (1998)
Fair Haven, NJ

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Senior Vice President
RBC Wealth Management
West Palm Beach, FL

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Charles T. Parton, HN ’01 (1987)
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Senior Lead Engineer
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Belcamp, MD

Steven J. Pozycki ’73 (2003)
President
SJP Properties
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President
Navesink Associates, LLC
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New York, NY

Former Presidents
Edward G. Schlaefer (1933-1956), Dean

Eugene H. Lehman (1956-1957)

Edward G. Schlaefer (1957-1962)

William G. Van Note (1962-1971)

Richard J. Stonesifer (1971 – 1979)

President Emeritus

Rebecca Stafford, PhD (1993–2003)
President Emerita

Paul G. Gaffney, II (2003-2013)
President Emeritus


President Emeritus

Administration

Officers
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Edward Christensen, Ph.D. (1996)
Vice President for Information Management
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M.B.A., Ph.D., Rutgers University

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Office of the President
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Director of Government and Community Relations
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International Student Advisor
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Planning and Decision Support

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Vice Provost of Planning and Decision Support
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Transformative Learning

Kathryn Kloby, Ph.D. (2007)
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Gillian A. Scott, M.Ed. (2017)
Service Learning Coordinator
B.A., M.Ed., University of New Hampshire

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

John E. Henning, Ph.D. (2015)
Dean of the School of Education
B.S., Pennsylvania State University; M.Ed., Kent State University; A.D., Stark State College; Ph.D., Kent State University

Janet Mahoney, Ph.D. (1995)
Dean of the Marjorie K. Unterberg School of Nursing and Health Studies
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Robin Mama, Ph.D. (1992)
Dean of the School of Social Work
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Dean, Honors School
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Steven J. and Elaine Pozyczki Endowed Professorship in Real Estate
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State Certified General Real Estate Appraiser for New Jersey

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Leon Hess Business School

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State Certified General Real Estate Appraiser for New Jersey

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Susan Forquer Gupta, Ph.D. (2006)
Director of the MBA Program
B.S., M.S., University of Missouri-Columbia; Ph.D., University of Tennessee

Janeth Merkle (2010)
Assistant Dean
B.S. Trinity University of Asia (Philippines); M.M., Technological University of the Philippines; M.B.A., Monmouth University
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theresa Lowy (2001)</td>
<td>Associate Director of the Kislak Real Estate Institute</td>
</tr>
<tr>
<td>Nicola Kelly (2002)</td>
<td>M.B.A. Program Administrator</td>
</tr>
<tr>
<td>Peter Reinhart, Esq. (2009)</td>
<td>Director, Kislak Real Estate Institute</td>
</tr>
<tr>
<td>B.A., Thomas Edison State University; M.A., Monmouth University</td>
<td></td>
</tr>
<tr>
<td>B.A., Franklin and Marshall College; J.D., Rutgers Law School, Camden</td>
<td></td>
</tr>
<tr>
<td>John E. Henning, Ph.D. (2015)</td>
<td>Dean of the School of Education</td>
</tr>
<tr>
<td>B.S., Pennsylvania State University; ME.d., Kent State University; A.D., Stark State College; Ph.D., Kent State University</td>
<td></td>
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<tr>
<td>Christine Borlan (2003)</td>
<td>Credential Officer</td>
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<tr>
<td>Carrie Digironimo (2005)</td>
<td>Advising Liaison</td>
</tr>
<tr>
<td>B.A., Adams State College; M.A.T, M.Ed., Monmouth University</td>
<td></td>
</tr>
<tr>
<td>Corina Earle (2016)</td>
<td>Coordinator of Early Field Placements</td>
</tr>
<tr>
<td>B.A., Boston University; M.Ed., Rutgers University</td>
<td></td>
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<tr>
<td>Wendy Harriott, Ph.D. (2000)</td>
<td>Associate Dean of the School of Education</td>
</tr>
<tr>
<td>B.S., Bloomsburg University; M.S., Marywood College Ph.D., The Pennsylvania State University</td>
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<tr>
<td>Patricia Heaney (2007)</td>
<td>Director of Field Placements</td>
</tr>
<tr>
<td>B.A., St. Peter's College; M.Ed., William Paterson University</td>
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<tr>
<td>B.S., M.A.T., Monmouth University</td>
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<tr>
<td>Janis Marcus (2000)</td>
<td>Academic Advisement Liaison</td>
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<tr>
<td>B.S.W., Ohio State University; M.S.Ed., Northeastern University</td>
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<tr>
<td>B.A., Siena College; M.A., Georgian Court College</td>
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<tr>
<td>Tracy Mulvaney, Ed.D. (2016)</td>
<td>Assistant Dean of the School of Education</td>
</tr>
<tr>
<td>B.S., M.A., University of Arizona; Ed.D., Northern Arizona University</td>
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</tr>
<tr>
<td>Kenneth Womack, Ph.D. (2015)</td>
<td>Dean of the Wayne D. McMurray School of Humanities and Social Sciences</td>
</tr>
<tr>
<td>B.A., Texas A&amp;M University/Institute of Communication, U.S.S.R.; M.A., Texas A&amp;M University; Ph.D., Northern Illinois University</td>
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<tr>
<td>Patrick Murray (2005)</td>
<td>Director of the Polling Institute</td>
</tr>
<tr>
<td>A.B., Lafayette College; M.A., Rutgers University</td>
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<tr>
<td>Vaune Peck (1987)</td>
<td>Director, Center for the Arts</td>
</tr>
<tr>
<td>B.A., M.A., Monmouth University</td>
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<tr>
<td>Michael Paul Thomas (1997)</td>
<td>Associate Dean of the Wayne D. McMurray School of Humanities and Social Sciences</td>
</tr>
<tr>
<td>B.A., Hamilton College; M.F.A., Syracuse University</td>
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<tr>
<td>Richard F. Veit, Ph.D. (2000)</td>
<td>Associate Dean of the Wayne D. McMurray School of Humanities and Social Sciences</td>
</tr>
<tr>
<td>B.A., Drew University; M.A., College of William and Mary; Ph.D., University of Pennsylvania</td>
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<tr>
<td>Guggenheim Memorial Library</td>
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<tr>
<td>Kurt Wagner (2016)</td>
<td>University Librarian</td>
</tr>
<tr>
<td>B.A., Fort Lewis College; M.L.I.S., University of Arizona; M.A., William Paterson University</td>
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<tr>
<td>Chis Ellwood (2006)</td>
<td>Archives Collection Manager</td>
</tr>
<tr>
<td>B.A., M.A., Columbia University</td>
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<tr>
<td>B.S., Misericordia University</td>
<td></td>
</tr>
<tr>
<td>School of Nursing and Health Studies</td>
<td></td>
</tr>
<tr>
<td>Janet Mahoney, Ph.D. (1995)</td>
<td>Dean of the Marjorie K. Unterberg School of Nursing and Health Studies</td>
</tr>
<tr>
<td>R.N., St. Mary's Hospital; B.S.N., Monmouth College; M.S.N., Seton Hall University; Ph.D., New York University</td>
<td></td>
</tr>
<tr>
<td>Joseph DePasquale, M.D., M.S., F.A.C.P., F.A.C.G. (2013)</td>
<td>Co-Medical Director of the Physician Assistant Program</td>
</tr>
<tr>
<td>Clinical Professor</td>
<td></td>
</tr>
<tr>
<td>Kenneth Faistl, M.D., F.A.A.F.P. (2013)</td>
<td>Co-Medical Director of the Physician Assistant Program</td>
</tr>
<tr>
<td>Clinical Professor</td>
<td></td>
</tr>
<tr>
<td>Gina Lamandre, M.S. (2014)</td>
<td>Director of the Physician Assistant Program</td>
</tr>
<tr>
<td>B.S., The College of New Jersey; PA-C, M.S, University of Massachusetts; M.S., University of Medicine and Dentistry</td>
<td></td>
</tr>
<tr>
<td>Barbara Paskewich (2001)</td>
<td>Director of Professional Education and Special Projects</td>
</tr>
<tr>
<td>R.N., Anne May School of Nursing; B.A., Monmouth University; M.A., Montclair State University; M.S.N., Monmouth University</td>
<td></td>
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<tr>
<td>School of Science</td>
<td></td>
</tr>
<tr>
<td>Steven Bachrach, Ph.D. (2016)</td>
<td></td>
</tr>
</tbody>
</table>
Dean of the School of Science
B.S., University of Illinois;
Ph.D., University of California at Berkeley

Catherine Duckett, Ph.D. (2009)
Associate Dean of the School of Science
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Ph.D., Cornell University

John Tiedemann (1998)
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)
Director of the Urban Coast Institute
B.A., Middlebury College; J.D., Fordham University, School of Law

School of Social Work
Robin Mama, Ph.D. (1992)
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B.S.W., College of Misericordia;
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Leah Lazzaro (2006)
Director of Field and Professional Education, School of Social Work
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Sarah Brown (2016)
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Assistant Director of Professional Education and Special Projects
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Honors School
Dean of the Honors School
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Irene Menditto (1998)
Director of Honors School Student
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Academic Foundations – General Education
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Center for Student Success
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Registrar’s Office
Registrar
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Associate Registrar for Technology
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Digital Print Center Manager
B.A., Syracuse University

Information Management
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Assistant LMS Administrator

Information Support

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B.A., Bucknell University

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Computer Systems Analyst

Robert Coles (2007)
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B.S., M.S., William Paterson University
M.A., New Jersey City University

Wayne Elliott (2002)
Instructional Technologist and LMS Administrator
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Tease Gould (1995)
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Computer Systems Analyst
A.S., Devry University

David Maseroni (2006)
Technology Support Specialist

Billy Pachamango (2001)
Computer Systems Administrator
A.S., Devry University

Glenn Schacht (2000)
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Michael Seeley (2005)
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A.A.S., Bergen Community College

Lynn Stipick (1997)
Director of Help Desk and Training
B.S., West Chester State University;
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Michael Walsh (2002)
Director of Enterprise Application Support
B.A., Purdue University;
M.A., The Richard Stockton College of New Jersey

Janine Winkley (2016)
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Information Operations

John Sonn (1988)
Associate Vice President for Information Operations
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James Allan (2004)
Systems Administrator
A.A., Brookdale Community College
B.A., Monmouth University

Robert Carsey (1998)
Director of Server Operations
B.S., M.S., Monmouth University

Alan Chiu (2001)
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B.A., Guangzhou Institute of Foreign Languages

Janine Frederick (2010)
Systems Administrator

Matthew Girard (2013)
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Brick Computer Science Institute

Eric Joyce (1999)
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Brick Computer Institute; B.A., Monmouth University

Mary Latteri (2002)
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B.S., Monmouth University

Michael McGuire (2007)
Network Systems Administrator
B.A., Moravian College

Caitlin Morris (2017)
Programmer/Analyst
B.A., McDaniel College

Gary Rosenberg (2000)
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Thomas Shenko (1999)
Senior Systems Programmer/Analyst
A.A., DeVry Technical Institute

Charles (Joe) Strickland (1993)
Network Analyst

Bonnie Ullmeyer (1997)
Director of Enterprise Programming and Integration
B.S., M.B.A., Monmouth University

Student Life
Mary Anne Nagy (1986)
Vice President for Student Life
B.S., Springfield College; M.S.Ed., Monmouth College; M.B.A., Monmouth University

James Pillar (1995)
Associate Vice President for Student Life
B.S., Millersville University; M.B.A., West Chester University; Ed.D., Edgewood College

Shannon Killeen (2002)
Assistant Vice President for Student Life
B.A., Glassboro State College; M.A., Rowan College

Residential Life
Mark Holfelder (2000)
Associate Director of Residential Life
B.A., Widener University; M.S., West Chester University

Megan Jones (2000)
Associate Director of Residential Life and Housing Operations
B.S., Rutgers University; M.S., Monmouth University

Tony Conard (2011)
Area Coordinator
B.S., Loyola University;
M.S., Florida State University

Nina Dacy (2016)
Area Coordinator
B.A., M.Ed., Bloomsburg University

Harold Hillyard (2015)
Assistant Director for Residential Life and Judicial Affairs
B.S., S.U.N.Y. Maritime College

Nicholas Manento (2016)
Area Coordinator
B.A., ME.d., Kutztown University

David Schenck, Jr. (2019)
Area Coordinator
B.A., Georgian Court University

Student Activities
Amy Bellina (1994)
Director of Student Activities and Student Center Operations
B.A., University of Pittsburgh;
M.A., Indiana University of Pennsylvania

Tara M. Fuller (2019)
Director of Fraternity and Sorority Life
B.A., University of Maryland, College Park;
M.A., Rider University

Tashir Hampton (2018)
Assistant Director of Student Activities
B.A. Rutgers University; Ed.M., Rutgers University

Lindsay Smith (2016)
Assistant Director of Student Activities
B.A., Delaware Valley University; M.B.A., Centenary University

Health Services
Kathy Maloney (2001)
Director of Health Services
B.S.N., Georgetown University; M.B.A., The George Washington University;
M.S.N., Monmouth University; D.N.P., Tulane University

Lita Abrazaldo-Richards (2012)
University Health Clinician
B.S.N., St. Louis University;
M.S.N., Monmouth University

Louise Bosmans (1997)
University Nurse Practitioner
B.S.N., M.S.N., D.N.P., Monmouth University

Mary Lou Dalessandro (2000)
University Nurse Practitioner
B.A., Rutgers University;
B.S.N., M.S.N., D.N.P., Monmouth University

Carol Huggler (2012)
University Health Clinician
B.S.N., Wilkes College; M.S.N., Monmouth University

Suann Schaad (2005)
Substance Awareness Coordinator
B.A., Loyola College, (MD);
M.A., Monmouth University

Conference Services and Special Events
Luann Russell (2010)
Senior Director of Conference Services and Special Events
B.S., Georgian Court College

Nicole Frame (2010)
Director of Conference Services
B.S., The College of New Jersey;
M.A., Monmouth University

Megan McGowan (2010)
Special Events Manager
B.S., M.S., Springfield College
Veteran Services
*Michael Callahan (2016)*
Coordinator of Veteran Services
B.A., Kean University; M.S.W., Monmouth University

Off Campus and Commuter Services
*Vaughn Clay (1994)*
Director of Off Campus and Commuter Services
B.S., M.A., Indiana University of Pennsylvania; Ed.D., Northeastern University

Psychological Services
*Andrew Lee (2015)*
Director of Counseling and Psychological Services
B.A., University of Pennsylvania; M.A., Fairleigh Dickinson University; Psy.M., Psy.D., Rutgers University

Psychological Counselor
B.A., Rutgers University; M.S.W., Monmouth University

*Tom McCarthy (2007)*
Assistant Director of Counseling and Psychological Services
B.A., M.A., Monmouth University

*Christopher McKittrick (2006)*
Psychological Counselor
B.S., M.A., The College of New Jersey

*Katherine Rizman (2016)*
Psychological Counselor
B.A., Moravian College; M.S.W., Salisbury University

University Advancement
*Jonathan Meer (2018)*
Vice President for University Advancement
B.A., Williams College

*Beth Brody (2013)*
Director of Development
B.A., University of Delaware

*Marian Dalton (2003)*
Senior Special Events Coordinator

*Christina Farrell (2018)*
Associate Director Leadership Annual Giving
B.S., Rutgers University - New Brunswick

*Lucille Flynn (2002)*
Associate Vice President for University Advancement
B.S., Seton Hall University

*Charles Gerdon (2011)*
Director of Development
B.A., Stockton State College; M.A., Montclair State University

*Dawn Hans (2016)*
Senior Director of Stewardship and Donor Relations
B.S., Rutgers University

*David Howell (2018)*
Director of Development
B.A., Middlebury College; M.A., University of Pennsylvania

*Karen Keene (2017)*
Director of Development
B.A., College of St. Rose
M.A., University of Miami Rosenstiel School of Marine and Atmospheric Science

*Amanda Klaus ’09 (2014)*
Executive Director of Alumni Engagement and Annual Giving
B.A., Monmouth University

*Thomas E. Klimchak (2002)*
Senior Director of Advancement Services
B.A., Millersville University

*Jessica Lewis (2011)*
Director of Prospect Research
B.A., Goucher College (Baltimore)

*Laura MacDonald ’10 (2019)*
Director of Alumni Engagement
B.A., Monmouth University

Chief University Editor/Director of Executive Communications
B.A., Boston University; M.A., Monmouth University

*Emily Miller-Gonzalez (2016)*
Director of Planned Giving
B.A., Georgetown University; M.S.W.; J.D., Rutgers University

*Wendy Parsons (2018)*
Associate Vice President for Development
B.A., Grinnell College; M.A., Stanford University

*Stephanie Tolas ’03, ’05 (2014)*
Director of Stewardship and Donor Relations
B.A., M.B.A., Monmouth University

*Lindsay Wood (2019)*
Director of Annual Giving
B.S., New York University

Enrollment Management
Vice President for Enrollment Management
B.A., Penn State University; M.A., Arcadia University; Ed.D., Temple University

Graduate Admission
*Lauren Vento Cifelli (2000)*
Associate Vice President for Undergraduate and Graduate Admission
B.A., B.S., M.A., Monmouth University

*Kelly Brockett (2018)*
Graduate Marketing Specialist
B.A., M.A., Monmouth University

*Lucia Fedele (2012)*
Graduate Admission Counselor
B.A., M.B.A., Monmouth University

Laurie Kuhn (1999)
Associate Director of Graduate Admission
B.A., State University of New York at Oneonta; M.B.A., Baruch College-Mount Sinai School of Medicine

Kevin New (2018)
Graduate Admission Counselor
B.A., University of New Hampshire
M.A., Monmouth University

Kirsten Sneeringer (2018)
Graduate Admission Counselor
B.A., Mt. Saint Mary's College
M.A., Mercy College

Undergraduate Admission

Victoria Bobik (2005)
Director of Undergraduate Admission
B.A., Colgate University; M.A., University of South Carolina

Jesse Bosco (2016)
Admission Counselor
B.S., University of Delaware

Emma Caban (2012)
Assistant Director of Undergraduate Admission
B.A., Monmouth University

Danielle Colbert (2007)
Associate Director of Undergraduate Admission
B.A., Lafayette College;
M.B.A., Monmouth University

Patrick Dorsey (2005)
Associate Director of Undergraduate Admission
B.S., Fairleigh Dickinson University; M.S.Ed., Monmouth University

Elizabeth Gensemer (2018)
Associate Director of Undergraduate Admission
B.M., University of the Arts

Rebekka Herbson (2018)
Admission Communication Specialist

Rebecca Morris (2017)
Admission Counselor
B.S., Westfield State University
M.Ed., Anna Maria College

Michael Qualiano (2017)
Admission Counselor
B.A., Monmouth University

Emily Santana (2018)
Admission Counselor
B.A., Monmouth University

Kristen Waring (2015)
Admission Counselor
B.A., Monmouth University

Laura Yankowski (2016)
Admission Counselor

B.A., Gettysburg College
Ed.M., Rutgers University

Kathleen Dennis (1993)
Transfer Credit Evaluator
B.A., College of Saint Elizabeth

Admission Processing

Barbara Growney (1994)
Director of Admission Processing
B.S., Monmouth University; M.S.Ed., Monmouth University

Jessica Kimball (2014)
Admission Processing Data Systems Specialist
B.S., Monmouth University

Financial Aid

Claire Alasio (1997)
Associate Vice President of Enrollment Management
Director of Financial Aid
B.A., Roanoke College; M.A.Ed., Virginia Polytechnic Institute and State University

Kristen Isaksen (1997)
Associate Director of Financial Aid
B.A., Dickinson College; M.S.Ed., Monmouth University

Tabitha Conlan (2001)
Assistant Director of Financial Aid
B.S., Georgian Court University

Marilyn Dorsey (1985)
Direct Lending Coordinator

Nancy Hanson (1997)
Assistant Director of Financial Aid
B.S., M.B.A., Monmouth University

Robert C. Hennessey (2001)
Assistant Director of Financial Aid
B.S., West Chester University

Monica Mikolajezyk (2016)
Financial Aid Counselor
B.S., M.B.A., Wagner College

University Marketing and Communications

Tara Peters (2015)
Associate Vice President for Marketing and Communications
B.A., M.A., Monmouth University

Jonathan Conner (2013)
Graphic Designer
B.F.A., Pacific Northwest College of Art

Michael Corsey (2018)
Social Media Coordinator
B.A., M.A., Monmouth University

Michele Davis (2019)
Creative Director
B.A., Luther College

Anthony DePrimo (2017)
University Photographer
B.S., C.U.N.Y. College of Staten Island

Morganne Dudzinski (2018)
Director, News and Public Affairs
B.A., M.A., Monmouth University

Tryon Eggleston (2015)
Director of Digital Communication
B.A., Ramapo College

Amanda Glatz (2017)
Digital Content Editor
B.A., Monmouth University

Steven Graboski (2016)
Web Developer
B.A., Drew University; M.S., Columbia University

Christiana Hart (2018)
Copywriter
B.A., The College of New Jersey

Anthony Marchetti (2016)
Managing Editor University Publications
B.A., M.A., The College of New Jersey

Web Developer
B.S., Boston University

Vera Towle (2008)
Creative Project Manager
B.A., Georgian Court University;
M.A., Monmouth University

Patricia Swannack (1975)
Vice President for Administrative Services
B.S., Monmouth University

Kara Sullivan (1998)
Assistant to the Vice President for Administrative Services
A.A.S., Brookdale Community College;
B.S., Monmouth University

Maureen Coffey (1999)
Director of HRIS, Employment and Communications
B.S., M.B.A., Monmouth University

Robert Correro (1996)
Associate Vice President for Campus Planning and Construction
B.E., Stevens Institute of Technology

Theresa Fontana (2013)
Accountant
B.S., Monmouth University

Chief, Monmouth University Police Department
B.A., Kings College; M.A., Seton Hall University

Timothy Orr (1996)
Construction Manager
B.S., Geneva College

Aimee M. Parks (2000)
Assistant Director of Human Resources for Student Employment
B.A., M.A., Monmouth University

Robyn Salvo (2006)
Director of Human Resources
B.A., College of New Jersey;
M.B.A., Monmouth University

Maureen Slendorn (2007)
Manager of Recruiting and Staffing
B.S., Georgian Court University

Kathleen Stein (2003)
Director of Employee Benefits
B.A., Monmouth University

Dean Volpe (1988)
Captain, Monmouth University Police

Michael Wunsch (2015)
Director of Compliance/Risk Management
B.A., B.S., Rutgers University;
M.S., New Jersey Institute of Technology

Marilyn McNeil (1994)
Vice President and Director of Athletics
B.P.E., The University of Calgary;
M.A., McGill University, Ed.D., Washington State University

Nicholas Aguilera (2018)
Assistant Athletics Trainer
B.A., East Stroudsburg University
M.S., Long Island University, Brooklyn

Nicole Alsobrooks (2015)
Director of Aquatics
Assistant Men's and Women's Swimming Coach
B.A., Wake Forest University

Dhimant Balar (2017)
Team Doctor
D.O., Philadelphia College of Osteopathic Medicine

Devlin Barry (2007)
Assistant Track and Field Coach
B.S., Mount St. Mary's University

Tom Bieber (2008)
Associate Athletics Director for Academic Support
B.S., Slippery Rock University;
M.B.A., Monmouth University

Andrew Bobik (1996)
Associate Head Football Coach
B.A., Colgate

Aaron Bottinick (2015)
Assistant Athletic Trainer for Men's Soccer and Baseball
B.S., Springfield College; M.S., University of Virginia

Kevin Callahan (1992)
Head Football Coach
Kevin Callahan, Jr. (2019)
Assistant Football Coach/Receivers
B.A., Amherst College

Richard Callahan (2011)
Senior Assistant to the Head of Men's Basketball Coach
B.S., Salem College, M.S., Syracuse University

Richard Carragher (2001)
Associate Athletics Director for Event Management
B.S., St. Joseph's University

Jon Cascone (1997)
Associate Athletics Director for Recreation, Intramurals, Clubs, and Fitness Center
B.S., MA, East Stroudsburg University

Meghan Casey (2016)
Athletics Academic Coordinator
B.S., University of Dayton

Chris Collazo (2015)
Assistant Baseball Coach
B.A., Monmouth University

Jody Craig (2017)
Head Women's Basketball Coach
B.S., California Polytechnic State University; M.S., Saint Mary's College

Gregory Decos (1999)
Assistant Athletics Director Equipment, Laundry Services

Marisa DeStasio (2016)
Assistant Softball Coach
B.S., Bingham University; M.S., West Virginia University

Robert Dikun (2017)
Assistant Pole Vault Coach
B.S., Monmouth College; M.A.S., Fairleigh Dickinson University; J.D., Pepperdine University

Thomas DiMuzio (2014)
Assistant Football Coach/Offensive Pass Game Coordinator
B.S., Delaware University; M.Ed., Bowling Green State University

Samuel Dorsett (2013)
Assistant Football Coach
B.A., M.S., Robert Morris University

Karen Edson (1969)
Associate Athletics Director for Business

Dean Ehehalt (1994)
Head Baseball Coach
B.S.Ed., M.S.Ed., East Carolina University

Kelsey Ellis (2017)
Compliance Assistant
B.S., M.A., Delaware State University

Joshua Epstein (2018)
Assistant Baseball Coach

Alyssa Ercolino (2018)
Assistant Field Hockey Coach
B.A., Monmouth University

Carli Figlio (2005)
Head Field Hockey Coach
B.A., Kent State University
M.S., Monmouth University

Brian Fisher (2012)
Head Men's Lacrosse Coach
B.A., Rutgers University

Abraham Flores (2003)
Assistant Coach Men's and Women's In/Outdoor Track
B.A., Fine Arts; M.A.Ed., University of Southern California

Kylee Flynn (2012)
Associate Head Coach, Women's Soccer
B.A., University of Tennessee

Brian Gabriel (2004)
Assistant Football Coach/Offensive Run Games
B.A., Siena College

Jeff Gallo (2005)
Assistant Football Coach/Offensive Coordinator
B.S., M.B.A., Monmouth University

Andrew Geison (2012)
Assistant Men's Lacrosse Coach
B.A., University of Maryland
M.Ed., Rutgers University

Karen Grygiel (2010)
Director of Bowling/Head Coach
B.S., Vanderbilt University

Jamie Hand (2018)
Athletics Trainer Assistant
B.S., Georgian College
M.S., Seton Hall University

Dane Hodge (2014)
Head Club Women's Soccer Coach
B.A., Carson-Newman University

Stacy Holand-Santoro (2017)
Director of Athletics Engagement and Donor Relations
B.A., University of Delaware

Emily Howard (2018)
Assistant Athletic Director for Academic Support
B.S., Clemson University
M.S., Temple University

Kylie Hubeny (2016)
Athletics Trainer Assistant
B.A., Boston University

Siobhan Huggins-Sullivan (2013)
Associate Athletics Trainer
Elissa Ingram (2019)
Track and Field Operations Coordinator
B.S., Mt. St. Mary’s University
M.S.C., University of East London

Mike Iuliucci (2009)
Associate Athletics Director Equipment Manager & Recreation
B.A., Robert Morris University

John Jackman (1993)
Assistant Athletics Director of the Fitness Center

Josh James (2018)
Director of Men’s Basketball Operations
B.A., Monmouth University

Christie Kaestner (2017)
Assistant Women’s Lacrosse Coach
B.S., Duke University

Jessica Kavanagh (2016)
Assistant Athletics Director for Development and Ticketing
B.A., Monmouth University

Andrew Kirkland (2015)
Assistant Football Coach
B.A., Colgate University; M.S., Wesleyan University

Gary Kowal (2013)
Assistant Athletics Director for New Media and Communications
B.A., Monmouth University

Andrew Kurtz (2015)
Athletics Multimedia Coordinator
B.S., York College of Pennsylvania

David Kunyz (2019)
Assistant Football Coach/Technology and Video
B.S., Plymouth State University
M.S., Devry University

Jennifer Lawlor (2015)
Senior Associate Athletic Director for Student Development/SWA
B.A., Lafayette College; M.S., Neumann University

Daniel Lawrence (2018)
Assistant Men’s Lacrosse Coach
B.S., M.S., Springfield College

Chirs Leicht (2018)
Head Men’s Tennis Coach
B.A., M.A., Bloomsburg University of Pennsylvania

Steve Levine (2017)
Assistant Men’s and Women’s Swimming Coach
B.A., Monmouth University

Hugh MacDonald (2008)
Associate Head Men’s Soccer Coach
B.A., Monmouth University

Chuck Marvel (2015)
Assistant Athletic Director for Communications

B.A., University of Delaware

Collin Mascola (2017)
Athletics Trainer Assistant
B.S., West Chester University

Robert McCourt (2004)
Head Men’s Soccer Coach
B.A., Adelphi University;
M.S., Virginia Commonwealth University

Jamal Meeks (2015)
Assistant Men’s Basketball Coach
B.S., Indiana University

Suzy Mellano (2016)
Digital Media Correspondent
B.A., Texas Christian University

Michelle Melia (2018)
Head Women’s Golf Coach
B.A., Rutgers University

Maikee Migallos (2017)
Athletics Trainer Assistant
B.S., Montclair State University
M.A., Kent State University

Mark Mohrman (2016)
Assistant Athletics Director of Communications
B.A., Monmouth University

Kira Mowen (2018)
B.A., Youngstown State University
M.A., Texas State University

Daniel Murphy (2018)
B.A., University of Connecticut
M.A., University of New Haven

Patrice Murray (1988)
Head Coach, Women’s Tennis
B.A., M.A., Monmouth University

Evan Najimian (2017)
Intramural Sports Coordinator
B.S., Seton Hall University

Joanne Nizolek (2015)
Dance Team Choreographer/Instructor/Coach
B.F.A., Montclair State University

Matthew Nunnally (2015)
Head Men’s and Women’s Swimming Coach
B.S., LaSalle; M.B.A., Ole Miss

Eddy Occhipinti (2006)
Associate Athletics Director for Marketing and Sponsorships
B.A., M.A., Monmouth University

Rob Panasuk (2018)
Sport Club Coordinator
B.A., Monmouth University

Tim Rehm (2019)
Director of Strength and Conditioning
B.S., Springfield College

Jr Reid (2018)
Assistant Men's Basketball Coach
B.S., University of North Carolina

Stephen Reithinger (2011)
Assistant Ice Hockey Coach
B.A., Seton Hall University

King Rice (2011)
Head Men's Basketball Coach
B.A., University of North Carolina

Richard Robinson (2019)
Club Baseball Coach
B.S., Kean College

Jon Roos (2011)
Senior Associate Athletic Director for External Affairs
B.A., University of Tennessee; M.B.A., Lynn University

Simon Rosenblum (2002)
Associate Athletics Director for Sports Medicine
B.S., Waynesburg College; M.S.Ed., Old Dominion

Bri Rubino (2015)
Strength and Conditioning Coach
B.S., Drexel University

Shannon Salsburg (2015)
Head Softball Coach
B.S., Penn State University; M.A., University of Akron

Kailey Savacool (2017)
Head Sailing Coach
B.A., University of North Carolina, Wilmington

Alyssa Scardelli (2018)
Cheerleading Coach
B.A., Monmouth University

Albert Schaufler (A.J) (2017)
Assistant Athletic Director for Compliance
B.A., Mount St. Mary's University; J.D., University of Baltimore

Meghan Schneck (2018)
Director of Women's Lacrosse Operations
B.A., M.A., Kean University

Christian Spaulding (2018)
Assistant Men's and Women's Indoor Track
B.S., High Point University

Jeff Stapleton (1990)
Deputy Director of Athletics
B.A., Hobart College

Vanessa Sweeney (2006)
Associate Director of Sports Medicine
B.S., West Chester University; M.S.Ed., Monmouth University

Chris Tarello (2012)
Associate Head Men's and Women's Cross Country Coach
B.A., Rider University

Ken Taylor (2015)
Associate Athletics Director for Development and Marketing
B.A., University of Michigan; M.S., Wayne State University

Jordan Trautman (2017)
Head Women's Lacrosse Coach
B.A., Georgetown University

Kristine Turner (1998)
Head Women's Soccer Coach
B.S., College of New Jersey; M.Ed., College of New Jersey

Kelly Valentine (2015)
Assistant Athletic Director for Marketing and Promotions
B.S., Rutgers University

Hardu Virks-Lee (2016)
Strength and Conditioning Coach
B.S., University of Colorado-Boulder

Greg Viscomi (2006)
Associate Athletics Director for New Media and Communications
B.A., Towson University; M.S., Canisius College

Lewis Walker (2017)
Director of Field Operations and Practice Management
Assistant Football Defense Coach
B.A., University of Utah

Jarred Weiss (2009)
Assistant Athletics Director for Business & Communications
B.A., M.A., Monmouth University

Kamiko Williams (2018)
Assistant Women's Basketball Coach
B.A., University of Tennessee

David Williamson (2018)
Assistant Field Hockey Coach
B.A., Princeton University; M.A., University of Ulster

Dan Wojtaszek (2011)
Assistant Athletics Director of Event Management
B.S., Rutgers University

James Young (2017)
Third Assistant Women's Basketball Coach
B.A., Green Mountain College; M.S., University of Phoenix

Emeritus Faculty

Derek A. Barnes
Professor Emeritus of Physics
B.A., M.A., Ph.D., Christ Church Oxford University, England

Barbara Lynn Bodner
Emeritus Faculty

Donald Bretzger
Professor Emeritus of Chemistry
B.S., Ursinus College; M.S., Ph.D., University of Delaware

Richard E. Brewer
Associate Professor Emeritus of English
B.A., Drew University; B.D.; M.A., Rutgers University

Robert Brooks
Associate Librarian Emeritus
B.A., B.S.L.S., University of North Carolina; M.S.Ed., Monmouth University (Monmouth College)

John E. Carson
Associate Professor Emeritus of Mathematics
B.A., Drew University; M.S., New York University

Andreas Christofi
Professor Emeritus of Economics
B.A., Graduate Industrial School of Thessaloniki, Greece; M.B.A., University of New Orleans; Ph.D., Finance, Pennsylvania State University

Gregory Coram
Associate Professor Emeritus of Criminal Justice
M.S., Psy.D., Indiana State University

Floyd R. Deardorff
Assistant Professor Emeritus of Mathematics
B.A., Temple University; M.A., Catholic University

Francis Patrick Dooley
Professor Emeritus of History
A.B., Villanova University; M.A., Ph.D., University of Maryland

Donald Dorfman
Professor Emeritus of Biology
B.S., Monmouth University (Monmouth College); M.S., University of Connecticut; Ph.D., Rutgers University

Harris Drucker
Professor Emeritus of Software Engineering
B.S.E.E., Pennsylvania State University; M.S.E., Ph.D., University of Pennsylvania

Stanley Dubroff
Associate Professor Emeritus of Business Law
B.S., Drexel University; J.D., Temple University

Rachel Gardner
Associate Librarian Emerita
B.S., Vassar College; M.A., Middlebury College; M.L.S., Rutgers University

Carol A. Giroud
Professor Emerita of Physical Education
B.S., University of North Carolina at Greensboro; M.Ed., University of North Carolina;

Bonnie Gold
Professor Emerita of Mathematics
A.B., University of Rochester; M.A., Princeton University; Ph.D., Cornell University

Brian Greenberg
Professor Emeritus of History
B.A., New York University; M.A., Ph.D., Princeton University

Richard Guilfoyle
Professor Emeritus of Mathematics
B.S., C.W. Post College; M.S., Ph.D., Stevens Institute of Technology

Amy Handlin
Associate Professor Emerita of Marketing and International Business
B.A., Harvard University, Radcliffe College; M.B.A., Columbia University

Doris K. Hiatt
Associate Professor Emerita of Psychology
A.B., Cornell University; Ph.D., City University of New York

Waltraud Hieslmair
Associate Professor Emerita of Physics
B.S., M.S., University of Vienna, Austria

Edward Jankowski
Professor Emeritus of Art and Design
B.F.A., Layton School of Art; M.F.A., University of Wisconsin

Barbara Harris Jaye
Professor Emerita of English
B.A., City College of New York; M.A., Ph.D., Rutgers University

Margaret G. Juckett
Associate Professor Emerita of Management
B.S., West Virginia Wesleyan College; M.A., University of Kentucky; M.B.A., Monmouth University (Monmouth College)

Quentin Keith
Associate Professor Emerita of English
B.A., Lehigh University; B.A., (Hons.); M.A., Kings College, Cambridge University, England

Glenn King
Professor Emeritus of History and Anthropology
B.A., Cornell University; M.A., University of California at Los Angeles; Ph.D., University of California at Berkeley

Carl M. Koreen
Associate Professor Emeritus of Mathematics
B.S., M.S., Louisiana State University

Michiko Kosaka
Associate Professor Emerita of Computer Science
B.A., Manhattanville College; M.A., Ph.D., New York University

Richard A. Kuntz
Professor Emeritus of Mathematics

Ph.D., Union Graduate School

Bonnie Gold
Professor Emerita of Mathematics
A.B., University of Rochester; M.A., Princeton University; Ph.D., Cornell University

Brian Greenberg
Professor Emeritus of History
B.A., New York University; M.A., Ph.D., Princeton University

Richard Guilfoyle
Professor Emeritus of Mathematics
B.S., C.W. Post College; M.S., Ph.D., Stevens Institute of Technology

Amy Handlin
Associate Professor Emerita of Marketing and International Business
B.A., Harvard University, Radcliffe College; M.B.A., Columbia University

Doris K. Hiatt
Associate Professor Emerita of Psychology
A.B., Cornell University; Ph.D., City University of New York

Waltraud Hieslmair
Associate Professor Emerita of Physics
B.S., M.S., University of Vienna, Austria

Edward Jankowski
Professor Emeritus of Art and Design
B.F.A., Layton School of Art; M.F.A., University of Wisconsin

Barbara Harris Jaye
Professor Emerita of English
B.A., City College of New York; M.A., Ph.D., Rutgers University

Margaret G. Juckett
Associate Professor Emerita of Management
B.S., West Virginia Wesleyan College; M.A., University of Kentucky; M.B.A., Monmouth University (Monmouth College)

Quentin Keith
Associate Professor Emerita of English
B.A., Lehigh University; B.A., (Hons.); M.A., Kings College, Cambridge University, England

Glenn King
Professor Emeritus of History and Anthropology
B.A., Cornell University; M.A., University of California at Los Angeles; Ph.D., University of California at Berkeley

Carl M. Koreen
Associate Professor Emeritus of Mathematics
B.S., M.S., Louisiana State University

Michiko Kosaka
Associate Professor Emerita of Computer Science
B.A., Manhattanville College; M.A., Ph.D., New York University

Richard A. Kuntz
Professor Emeritus of Mathematics
Susan Kuykendall
Associate Librarian Emerita
B.S., Trinity University; M.L.S., Rutgers University

Marilyn M. Lauria
Associate Professor Emerita of Nursing
B.S.N., Hunter College; M.Ed., Ed.D., Teachers College, Columbia University

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B.S., M.S., Bogazici University, Istanbul, Turkey; M.S., University of Amsterdam; Ph.D., Clemson University.

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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.
Faculty
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): None
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: Fall Term
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: Spring Term
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 these 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-504 Ancient Civilizations of Native America  Credits: 3
Term Offered: Fall Term
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.

AN-506 Historical Archaeology  Credits: 3
Term Offered: Fall 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 various 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-513 Origin of Civilization and the State  Credits: 3
Term Offered: All Terms
Course Type(s): None
Evolution of the ancient civilizations in China, Peru, Mexico, Mesopotamia, the Indus Valley, and Egypt. Emphasis on the causal processes underlying the development of these societies.
AN-520 Field Methods in Archaeology Credits: 3
Term Offered: All Terms
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: Fall 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: Fall Term
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
Term Offered: All Terms
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
Term Offered: All Terms
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-542 Economic Anthropology Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines human systems of production, distribution and consumption around the world - in short, cross-cultural economics. We consider how various economic systems differ from market capitalism, and therefore also analyze how capitalism itself operates on its periphery. We analyze the processes through which markets and money spread throughout the world, as well as their (often violent) interaction with local economic systems. As such, this inquiry raised fundamental questions about social inequality that we explore throughout the course, such as: Why are some people poor and others rich? How do people in different contexts understand these differences? How do economic disparities affect human desire, value, morality and choice?

AN-555 Ancient Technology Credits: 3
Term Offered: All Terms
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: All Terms
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 Credits: 3
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.
<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>
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</thead>
<tbody>
<tr>
<td>AN-572</td>
<td>The History of Tourism</td>
<td>3</td>
<td>Fall Term</td>
<td>HSEU, HSWLD</td>
<td>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.</td>
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<tr>
<td>AN-573</td>
<td>Ecological Imperialism</td>
<td>3</td>
<td>All Terms</td>
<td>HSWLD</td>
<td>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 &quot;natural&quot; surroundings. Also listed as HS-573.</td>
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<tr>
<td>AN-575</td>
<td>Civilizations of the Andes</td>
<td>3</td>
<td>All Terms</td>
<td>HSNW, HSWLD</td>
<td>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.</td>
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<tr>
<td>AN-582</td>
<td>Applied Anthropology</td>
<td>3</td>
<td>Fall Term</td>
<td>None</td>
<td>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 &quot;How can I use anthropology in my future career?&quot;</td>
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<tr>
<td>AN-585</td>
<td>Colonialism in Africa</td>
<td>3</td>
<td>All Terms</td>
<td>HSNW</td>
<td>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.</td>
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<tr>
<td>AN-586</td>
<td>Pre-Columbian Civilizations: The Aztec and Inka States</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>An intensive examination of the emergence, growth, and conquest of two native states from the ancient Americas: the Inka and the Aztec. Lectures and discussions examine the social, cultural, and political contexts of these two Native American states, while applying broader anthropological theories of state genesis, power apparatuses, and social transformation. Considers the causes and consequences of the Spanish and Portuguese conquests within the Americas through an intensive discussion of the establishment of colonial societies in the sixteenth century. Also will examine how the pre-Columbian and colonial history of this region are intimately linked to the contemporary politics of Latin American nations.</td>
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<tr>
<td>AN-579</td>
<td>Visual Anthropology</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>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 &quot;Nanook of the North,&quot; (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.</td>
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<td>AN-595</td>
<td>Anthropology Internship/Practicum</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>AN-598</td>
<td>Special Topics in Anthropology</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>AN-599</td>
<td>Independent Study in Anthropology</td>
<td>1-3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>AN-691</td>
<td>Anthropology Thesis (Research)</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Reading and research leading to significant written work, under the direction of a member of the anthropology faculty. This is a pass/fail course.</td>
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<tr>
<td>AN-691</td>
<td>Anthropology Thesis (Research)</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Reading and research leading to significant written work, under the direction of a member of the anthropology faculty. This is a pass/fail course.</td>
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</table>
AN-692 Anthropology Thesis (Writing)  Credits: 3
Prerequisite(s): 18 credits in Anthropology
Term Offered: All Terms
Course Type(s): None
A study of the major forms of artistic expression in contemporary culture; their backgrounds in tradition, the interrelationships and limitations of their styles and themes; and a critical evaluation of their contributions to and impact on modern society.

AT-520 Introduction to Athletic Training  Credits: 1
Co-requisite(s): AT-520L
Term Offered: Summer Term
Course Type(s): None
Introduction to the athletic training profession. Examines the relationship of athletic trainers in the management and care of injuries and their roles as professional allied healthcare practitioners. Course includes overview of the following topics: professional responsibilities, risk management and injury prevention, pathology of common sport related injury, differential diagnosis techniques, injury and illness management and referral, therapeutic intervention and professional development.

AT-520L Basic Techniques in Athletic Training Lab  Credits: 1
Co-requisite(s): AT-520
Term Offered: Summer Term
Course Type(s): None
Laboratory experience covering the basic practical skills associated with athletic training. Skills include: preventative taping and bracing, crutch fitting and use, application of cold (ice bags/cups) and heat (hot pack) modalities, basic stretching, environmental safety and pre-participation examination techniques.

AT-522 Art in the Age of Revolution  Credits: 3
Term Offered: All Terms
Course Type(s): None
Investigation of major art movements from the early nineteenth to mid-twentieth century; analysis of visual stylistic developments in conjunction with exploration of other integral issues, subject matter, and the relationship of art to its political, cultural, social, and historical climate.

AT-525 Art in World Perspective  Credits: 3
Term Offered: All Terms
Course Type(s): None
A comparative exploration of the relationship of art and thought in Hindu India, Confucian China, and Feudal Japan.

AT-551 Methods of Teaching Art  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Prepares pre-service teachers to implement a discipline-based sequential curriculum in the art content area. Satisfies the requirements of the NJCCCS (New Jersey Core Curriculum Content Standards).

AR-505 Images of Contemporary Culture  Credits: 3
Term Offered: All Terms
Course Type(s): None
A study of the major forms of artistic expression in contemporary culture; their backgrounds in tradition, the interrelationships and limitations of their styles and themes; and a critical evaluation of their contributions to and impact on modern society.

AR-510 Basic Techniques in Athletic Training  Credits: 3
Co-requisite(s): AT-520
Term Offered: All Terms
Course Type(s): None
Laboratory experience covering the basic practical skills associated with athletic training. Skills include: preventative taping and bracing, crutch fitting and use, application of cold (ice bags/cups) and heat (hot pack) modalities, basic stretching, environmental safety and pre-participation examination techniques.
Examine the role of athletic trainers in the management and care of emergency and life threatening medical injury/illness. Lectures and case studies regarding emergent conditions and factors in efficacious medical response will be discussed. This course has a large practical component, requiring students to apply emergency and critical care techniques through practical experiences and exams. Students will be certified through the American Heart Association in Professional Rescuer CPR and AED. The role and responsibility of athletic trainers in Emergency Action Planning, athletic/side-line emergency care, environmental related injury and illness, catastrophic injury prevention and management, anthropometric measurement, use of devices for alternative airway and core body temperature will be discussed and practiced.

**AT-525L Basic Techniques in Emergency Care Lab**

**Credits:** 1  
**Co-requisite(s):** AT-525  
**Term Offered:** Summer Term  
**Course Type(s):** None  
Examines the role of athletic trainers in the management and care of emergency and life threatening medical injury/illness Laboratory experience to practice the skills required of an Emergency Medical Technician. This course has a large practical component, requiring students to apply emergency and critical care techniques through practical experiences and exams. Students will be certified through the National Registry of Emergency Medical Technicians. The role and responsibility of athletic trainers in Emergency Action Planning, athletic/side-line emergency care, environmental related injury and illness, catastrophic injury prevention and management, anthropometric measurement, use of devices for alternative airway and core body temperature will be discussed and practiced.

**AT-530 Clinical Skeletal Anatomy**

**Credits:** 2  
**Co-requisite(s):** AT-533 and AT-535  
**Term Offered:** Summer Term  
**Course Type(s):** None  
Provides students with a functional understanding of the human body. Students will learn palpation and basic clinical testing techniques for skeletal tissues - bone, joint capsule, connective tissue and muscles. Early diagnostic procedures of functional assessment will be modeled and students will be required to complete both written and practical exams. Practical exams will include common bony and joint palpations, active and passive joint range of motion assessment techniques and manual muscle testing protocols.

**AT-533 Introduction to Evidence Based Research**

**Credits:** 1  
**Co-requisite(s):** AT-530 and AT-535  
**Term Offered:** Summer Term  
**Course Type(s):** None  
Examines the most common research methods seen in the field of athletic training. Students will achieve a working understanding of quality research and how it becomes part of the evidence used to create policy and best practices, improve patient outcomes and greater expand the understanding of athletic training professionals. Students will learn the basics of empirical research, including the scientific method, definition of problems and hypotheses, constructs and definitions of research variables, methods and analysis. Students will create a case study for presentation in the final week of class.

**AT-535 Physiology of Physical Activity**

**Credits:** 2  
**Co-requisite(s):** AT-530 and AT-533  
**Term Offered:** Summer Term  
**Course Type(s):** None  
Presents the basic principles of the physiology of physical activity. Students will develop an understanding of normal and abnormal physiological findings, the body’s adaptations to activity/inactivity, and methods to prevent injury and improve activity level/athletic performance. An association of poor physiological function to injury and illness. Physical and physiological alterations due to repetitive stress on the body’s systems will also be a focus of this course.

**AT-540 Lower Extremity Evaluation and Differential Diagnostic Procedures**

**Credits:** 2  
**Co-requisite(s):** AT-540L  
**Term Offered:** Fall Term  
**Course Type(s):** None  
Examines the role of athletic trainers in the management and care of emergency and life threatening medical injury/illness Laboratory experience to practice the skills of palpation, range of motion, manual muscle testing neurological examination, and special tests. Knowledge of all joints and structures of the lower extremity will be discussed and tested through written and clinical practical examinations. Joints evaluated will include Pelvic Girdle/Hip, Sacroiliac Joint Knee, Ankle, Foot/Toe (rear, mid, and forefoot).

**AT-540L Lower Extremity Evaluation and Differential Diagnostic Laboratory**

**Credits:** 1  
**Co-requisite(s):** AT-540  
**Term Offered:** Fall Term  
**Course Type(s):** None  
Laboratory experience to practice the skills of palpation, range of motion assessment (passive, active, and resistive), manual muscle testing, joint specific special tests, neurological testing, and assessment of findings in a lower extremity evaluation.

**AT-545 Therapeutic Interventions I - Modalities**

**Credits:** 2  
**Co-requisite(s):** AT-545L  
**Term Offered:** Fall Term  
**Course Type(s):** None  
Examine the body’s tissue response to injury and methods used to create an optimal environment for healing. Use of the therapeutic modalities for acute and chronic injury will be the focus of Therapeutic Interventions I. Tissue response, the stages of healing, and pain modulation will be discussed using the following interventions - thermal modalities, manual therapies (massage, joint mobilizations, PNF), mechanical (traction), ultrasound and phonophoresis, electrical stimulation and iontophoresis, light (laser) therapies, and trending therapeutic interventions. Medical indications, contraindications, safety and legal considerations. Knowledge and understanding are tested through written and clinical practical exams. Students will complete a modalities research/presentation project.

**AT-545L Therapeutic Modalities Laboratory**

**Credits:** 1  
**Co-requisite(s):** AT-545  
**Term Offered:** Fall Term  
**Course Type(s):** None  
Laboratory experience to practice the skills of application of superficial thermal agents, electrical stimulation, diathermy, therapeutic ultrasound, therapeutic low-level laser and light therapy, mechanical modalities (tractions, intermittent compression, continuous passive motion, massage and biofeedback), and use of therapeutic medications for phonophoresis and iontophoresis.
AT-550 Pathomechanics and Ergonomic Considerations in Physical Activity  Credits: 2
Prerequisite(s): AT-530 and AT-535
Term Offered: Fall Term
Course Type(s): None
Presents the basic principles of arthokinematics and pathomechanics of human movement. Students will develop an understanding of normal and abnormal human movement. An association of poor arthokinematics, biomechanics/pathomechanics, and ergonomics to injury and illness. Physical and physiological alterations due to repetitive stress on the body's systems will also be a focus of this course.

AT-555 Clinical Experience I  Credits: 2
Prerequisite(s): AT-520, AT-520L, AT-525, AT-525L, AT-540, AT-540L, AT-545, and AT-545L
Term Offered: Fall Term
Course Type(s): None
Guided practical experiences in the prevention, evaluation, treatment, disposition, and rehabilitation of athletic/active related injury. Clinical experiences will be provided under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students will be evaluated by clinical preceptors for course credit. Clinical experiences are meant to apply classroom/didactic knowledge and skills to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

AT-560 Upper Extremity Evaluation and Differential Diagnostic Procedures  Credits: 2
Co-requisite(s): AT-560L
Term Offered: Spring Term
Course Type(s): None
Presents the basic principles of physical examination and application of diagnostic measures for the upper extremity. A detailed review of functional anatomy in the form of bony and soft tissue palpation, range of motion, manual muscle testing neurological examination, and special tests will be presented through lecture. Knowledge of all joints and structures of the upper extremity will be discussed and tested through written and clinical practical examination. Joints evaluated will include: Sternoclavicular, Shoulder Girdle, Glenohumeral/Shoulder Joint, Elbow, Wrist, Hand/Fingers.

AT-560L Upper Extremity Evaluation and Differential Diagnostic Laboratory  Credits: 1
Co-requisite(s): AT-560
Term Offered: Spring Term
Course Type(s): None
Laboratory experience to practice the skills of palpation, range of motion assessment (passive, active, and resistive), manual muscle testing, joint specific special tests, neurological testing and assessment of finding in an upper extremity evaluation.

AT-565 Therapeutic Interventions II - Rehabilitation  Credits: 2
Co-requisite(s): AT-565L
Term Offered: Spring Term
Course Type(s): None
Examine the body's tissue response to injury and methods used to create an optimal environment for healing. Use of the therapeutic rehabilitation for acute and chronic injury will be the focus of Therapeutic Interventions II. The phases of tissue repair and rehabilitation, conditioning and reconditions of injured patients, development of functional rehabilitative exercise progression and return to play will be the focus of learning using the following interventions - range of motion techniques, resistance exercise for strength and balance, functional movement patterns and return to full participation in sport of daily living. Medical indications, contraindications, safety and legal considerations. Knowledge and understanding are tested through written and clinical practical exams. Students will present a therapeutic rehabilitation project.

AT-565L Therapeutic Rehabilitation Laboratory  Credits: 1
Co-requisite(s): AT-565
Term Offered: Spring Term
Course Type(s): None
Laboratory experience to practice the skills and implementation of therapeutic rehabilitation techniques. Students will analyze posture and gait; assess ergo-dynamics, design and appropriately progress rehabilitation protocols of mock patients.

AT-570 Nutrition for Health and Sport  Credits: 2
Prerequisite(s): AT-530 and AT-535
Term Offered: Spring Term
Course Type(s): None
Examines the role of nutrition in improving performance, enhancing healing, and preventing illness and injury. General concepts in healthy eating, dietary requirements, weight management, body image dysmorphia and associated disorders, proper hydration, meal planning/timing, and over the counter performance enhancing supplements. Students will demonstrate knowledge and skills through completing written exams and class projects.

AT-575 Clinical Experience II  Credits: 2
Prerequisite(s): AT-560, AT-560L, AT-565, AT-565L, and AT-570
Term Offered: Spring Term
Course Type(s): None
Guided practical experiences in the prevention, evaluation, treatment, disposition, and rehabilitation of athletic/active related injury. Clinical experiences will be provided under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students will be evaluated by clinical preceptors for course credit. Clinical experiences are meant to apply classroom/didactic knowledge and skills to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

AT-580 Creating Evidence Based Research I  Credits: 1
Prerequisite(s): AT-533
Term Offered: Spring Term
Course Type(s): None
Creation of independent research projects, which add to the body of knowledge and evidence-based practice in athletic training. Students will select a research topic and define a research question. Complete a cursory review of relevant literature and effectively complete an introduction for an independent research project.
AT-585 Healthcare Management
Prerequisite(s): AT-555
Term Offered: Spring Term
Course Type(s): None
Investigates the many legal and ethical aspects of athletic training. Basic legal concepts of constitutional rights and legal responsibilities, tort law/ negligence, property/manufacturer law, personal service laws, the role of regulatory agencies and mitigating risk of legal action. The legal and ethical issues of equity and equality along with common ethical models and professional ethics. Understanding is evaluated through written examination and class projects.

AT-620 Axial Skeleton and Organ Evaluation and Differential Diagnosis
Credits: 2
Co-requisite(s): AT-620L
Term Offered: Summer Term
Course Type(s): None
Presents the basic principles of physical examination and application of diagnostic measures for the structures of the axial skeleton and the organs of the thorax and abdomen. A detailed review of functional anatomy in the form of bony and soft tissue palpation, range of motion, manual muscle testing neurological examination, and special tests. Knowledge of all joints and structures of the axial skeleton, thorax and abdomen are tested through written and clinical practical examination. Joints and organs evaluated will include cervical, thoracic, lumbar (and lumbosacral) spine, ribs, sternum, skull, brain, lungs, heart, liver, kidneys, stomach, intestine, urinary tract, and reproductive organs.

AT-620L Axial Skeleton and Organ Evaluation and Differential Diagnosis Laboratory
Credits: 1
Co-requisite(s): AT-620
Term Offered: Summer Term
Course Type(s): None
Laboratory experience to practice the skills of palpation, range of motion assessment (passive, active, and resistive), manual muscle testing, joint specific special tests, neurological testing, and assessment of findings in axial skeleton. Assessment of function of the cardiovascular, pulmonary, gastrointestinal, genitourinary systems, as well as the eyes, ears, nose, throat, dermis, and cranial nerves.

AT-625 Pathology of Illness and Injury
Credits: 3
Co-requisite(s): AT-635
Term Offered: Summer Term
Course Type(s): None
Examine the pathophysiological, biomechanical, and environmental factors of illness and injury in sport. An understanding of common illness/injuries found among athletic and active patients. Also presented will be pharmacological and no-pharmacologic interventions to improve health and limit/prevent injurious pathology. Students will demonstrate knowledge through performance on written examinations.

AT-630 Psycho-Social Aspects of Illness and Injury
Credits: 2
Co-requisite(s): AT-635
Term Offered: Summer Term
Course Type(s): None
Examine the psychological and sociological aspects of human performance and illness/injury. Students will recognize normal and abnormal social, emotional, and mental behaviors. Students will learn how to develop referral networks, improve communication and interpersonal skills with all constituents. The ability to educate athletes/patients, coaches, parents, and other health care professionals on impact of injury/illness on psychological and social well-being will be integral to this course. Student knowledge and understanding are evaluated through written examination, reflective assignments, and course related projects.

AT-635 Clinical Experience III
Credits: 1
Co-requisite(s): AT-625 and AT-630
Term Offered: Summer Term
Course Type(s): None
Guided practical and observational experiences in a general medical and orthopedic setting. Clinical experiences under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students are evaluated by clinical preceptors for course credit. Clinical experiences designed to apply classroom/ didactic knowledge and skill to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

AT-640 Legal and Ethical Aspects of Healthcare
Credits: 2
Prerequisite(s): AT-520 and AT-525
Term Offered: Fall Term
Course Type(s): None
Investigates the many legal and ethical aspects of athletic training. Basic legal concepts of constitutional rights and legal responsibilities, tort law/ negligence, property/manufacturer law, personal service laws, the role of regulatory agencies, and mitigating risk of legal action. The legal and ethical issues of equity, fairness and equality, along with common ethical models and professional ethics will also be explored. Understanding is evaluated through written examination and class projects.

AT-645 Therapeutic Interventions III - Pharmacological and Ergogenic Aids
Credits: 3
Prerequisite(s): AT-545, AT-545L, AT-565, and AT-565L
Term Offered: Fall Term
Course Type(s): None
Examines the scientific principles related to the effects of pharmaceuticals and ergogenic aids on sport performance. This course will focus on pharmacokinetics, pharmacodynamics, drug classifications (chemical, generic, trade, and legal), drug approval processes, statutory requirements related to storage and distribution, use of "Physician Desk References" and drug information documents, the long term effects of ergogenic aids/performance enhancing drugs and supplementation, and related sport governing body mandates for drug and supplement use.

AT-650 Creating Evidence Based Research III
Credits: 2
Prerequisite(s): AT-533 and AT-633
Term Offered: Fall Term
Course Type(s): HY
Students will complete a review of relevant literature and design methodology for independent research projects. All students will submit their introduction, literature review, and methods of data collection to the professor along with all forms for approval of the Institutional Review Board (IRB) at Monmouth University as evidence of their knowledge and understanding.
AT-655  Clinical Experience IV  Credits: 3
Prerequisite(s): AT-555, AT-575, and AT-635
Term Offered: Fall Term
Course Type(s): None
Guided practical experiences with an equipment intensive sport in the prevention, evaluation, treatment, disposition, and rehabilitation of athletic/active related injury. Clinical experiences under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students are evaluated by clinical preceptors for course credit. Clinical experiences designed to apply classroom/didactic knowledge and skills to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

AT-665  Collecting and Presenting Evidence Based Research  Credits: 1
Prerequisite(s): AT-533, AT-580, and AT-650
Term Offered: Spring Term
Course Type(s): HY
Collection of data and outcomes from an independent research project, analysis of data using SPSS, and interpretation of finding will be the focus of this course. Students will present their research projects through a poster presentation to peers, preceptors, and local healthcare professionals. Students will also be required to apply for a presentation of their research project at a scholarly meeting at the state, regional, or national level.

AT-670  Seminar in Athletic Training  Credits: 2
Prerequisite(s): AT-655
Term Offered: Spring Term
Course Type(s): HY
Final preparation for the profession of athletic training. Students will sharpen their resumes, complete job search and interview projects, and prepare for the Board of Certification (BOC) exam, complete documentation for state licensure and documentation for a National Provider Identification (NPI) number.

AT-675  Clinical Experience V  Credits: 4
Prerequisite(s): AT-555, AT-575, AT-635, and AT-655
Term Offered: Fall Term
Course Type(s): None
Guided practical experiences with an equipment intensive sport in the prevention, evaluation, treatment, disposition and rehabilitation of athletic/active related injury. Clinical experiences under the direct supervision of certified and licensed athletic trainers and/or physicians, known as clinical preceptors. Students are evaluated by clinical preceptors for course credit. Clinical experiences designed to apply classroom/didactic knowledge and skills to real patients from diverse backgrounds and in traditional and emerging athletic training settings. Students will experience a fully immersive clinical rotation. Completion of multiple reflective assignments will be evidence of experiential learning.

BY-502  Technology and Human Biology  Credits: 3
Term Offered: All Terms
Course Type(s): None
An examination of the potential effects of recent advances in biology on the natural processes, of human reproduction, and evolution. (Cannot be taken to fulfill an MS or an MAT in Biology without permission of the appropriate departments.)

BY-503  Evolution  Credits: 3
Term Offered: Summer Term
Course Type(s): None
An interdisciplinary approach to the topic of evolution that combines historical and biological perspectives. Explore the current understanding of the evolutionary process as well as the social, political, and intellectual consequences of the evolutionary world view. (Cannot be taken to fulfill an MS or an MAT in Biology without permission of the appropriate departments.)

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.

BY-599  Biological Research  Credits: 2-4
Term Offered: All Terms
Course Type(s): None
Principles and applications of research in life sciences; participation and presentation of seminars; and preparation of research paper in publishable format. Hours arranged. Prior permission of the directing professor, department chair, and graduate program director is required to take this course.

Business (BU)

BU-588  Business Practice and Experience  Credits: 1
Prerequisite(s): 9 credits of graduate level courses
Term Offered: All Terms
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.

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
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-545 Fraud Examination
Term Offered: All Terms
Course Type(s): None
Students will learn how and why occupational fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved.

BA-588 Internship in Accounting
Term Offered: Fall Term
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.

BA-598 Special Topics in Accounting
Term Offered: All Terms
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
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.

BA-610 Accounting for Managers
Prerequisite(s): BA-513 and BA-514
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 transcends 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
Prerequisite(s): BA-513
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
Prerequisite(s): BA-513
Term Offered: Fall Term
Course Type(s): None
This capstone course provides an extensive 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
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.

BA-638 Auditing Practices and Cases
Prerequisite(s): BA-634
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-699 Business Research in Accounting
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 Economics (BE)

BE-511 Microeconomics
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
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
Term Offered: Fall 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
Prerequisite(s): BM-518 or equivalent
Term Offered: All Terms
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-599 Business Research
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.

BE-611 Managerial Economics
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
Prerequisite(s): BE-511, BE-512, and BM-518
Term Offered: Spring Term
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
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
Term Offered: Fall 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.

Business Finance (BF)

BF-515 Financial Markets
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
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
Term Offered: Fall 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: 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.

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 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: Spring Term
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
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
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, and BF-516
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, and BF-516
Term Offered: All Terms
Course Type(s): MBA.E, MBA.I

BF-698 Special Topics in Finance Credits: 3
Prerequisite(s): None
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.

BF-699 Independent Study in Finance Credits: 3
Prerequisite(s): None
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-571 Introduction to the United States Healthcare System Credits: 3
Term Offered: All Terms
Course Type(s): None
An overview of the U.S. healthcare delivery system, including the history, development, and description of the component parts involved in providing healthcare services. Taught from a sociological perspective, course emphasis is placed upon factors such as need, demand, quality, cost of care, distribution, and supply of manpower and physical resources. Also explored are the relationships of healthcare delivery to consumers, providers, financiers, regulators, and other healthcare stakeholders.

BH-572 Healthcare Economics Credits: 3
Term Offered: All Terms
Course Type(s): None
Application of the tools of economics to issues of the organization, delivery, and financing of healthcare. Topics include: economic concepts relevant to healthcare, the system of healthcare financing and delivery arrangements in the U.S., the role of economic factors in the development of health and healthcare public policy, and a base for analyzing the implications of changes in health policy.

BH-573 Management of Healthcare Organizations Credits: 3
Prerequisite(s): BH-571
Term Offered: All Terms
Course Type(s): None
Investigates the evolving management structures of health and healthcare-related organizations. In addition, the structure of managed care is investigated. The course integrates the changing provider organizations, regulatory, and quality assurance agencies and how they are affected by evolving, managed-care reimbursement.
BH-574 Seminar in Healthcare Management Credits: 3
Prerequisite(s): BH-571, BH-572, and BH-573
Term Offered: All Terms
Course Type(s): None
The capstone in healthcare concentration. Materials contained in previous courses, as well as skills taught in general business courses, are incorporated into a unified examination of critical issues facing the healthcare services environment. Concentrates on the major events driving health management: the consolidation of individual stakeholders into integrated health delivery systems. Current efforts by these stakeholders are included as well, as a tool to reinforce class material.

BH-575 Healthcare Management Residency Credits: 3
Prerequisite(s): BH-571, BH-572, and BH-573
Term Offered: Summer Term
Course Type(s): None
Applies the healthcare and business course material into the healthcare practitioner work setting. The goal is to unify the academic and conceptual with the pragmatism of the work experience. A residency is completed within a healthcare or health-related setting, such as a hospital, long-term care facility, or other healthcare setting, such as managed care organizations. The residency is composed of 400 hours of on-the-job responsibility under the directorship of a practicing healthcare manager. Students with extensive health experience may substitute an independent study for the residency.

BH-599 Independent Study in Healthcare Management Credits: 3
Prerequisite(s): BH-571, BH-572, and BH-573
Term Offered: All Terms
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
Term Offered: Summer 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-551 Law, Government, and Business Credits: 3
Term Offered: All Terms
Course Type(s): None
The legal environment in which business organizations function; the nature of law, its sources, and the factors that shape it; recent trends of public regulation of commerce, competition, freedom of contract, and labor-management relations.

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
Term Offered: Summer 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 are 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: All Terms
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 Credits: 3
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  Credits: 3  
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  Credits: 3  
Term Offered: All Terms  
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-556  Principles of Logistics Management  Credits: 3  
Prerequisite(s): BM-519  
Term Offered: All Terms  
Course Type(s): MBA.Q  
Conceptual underpinnings of business logistics; designing an integrated logistics system; managing for effective logistics.

BM-565  Management of Technology  Credits: 3  
Term Offered: All Terms  
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  Credits: 3  
Term Offered: All Terms  
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 director 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.

BM-622  Applied Information Systems Management  Credits: 3  
Prerequisite(s): BM-518  
Term Offered: All Terms  
Course Type(s): None  
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  
Term Offered: All Terms  
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: All Terms  
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-638  Negotiations  Credits: 3  
Term Offered: Summer Term  
Course Type(s): None  
Designed to help students learn the fundamentals of negotiation processes. This course will be taught based upon weekly experiential cases whereby students will assume a role in a negotiation and negotiate with a partner.
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  
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  
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  
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 Marketing (BK)

BK-520 Foundations of Marketing Management  
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  
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.

BK-614 Marketing Management  
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  
Prerequisite(s): BK-520  
Term Offered: Spring Term  
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-639 Promotional Strategy  
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  
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  
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  
Prerequisite(s): BK-520  
Term Offered: All Terms  
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  
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: Fall 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: Fall 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: Fall 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: 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-599 Independent Study in Real Estate  Credits: 3
Term Offered: Fall Term
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
Term Offered: Summer Term
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
Term Offered: All Terms
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.
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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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
Term Offered: All Terms
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  Credits: 3
Prerequisite(s): BR-630 and BR-631
Term Offered: All Terms
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  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-699  Independent Study in Real Estate  Credits: 3
Term Offered: Fall Term
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.

Chemistry (CE)

CE-560  Chemistry and Physics in Elementary Education  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Discovery of the laws of chemistry and physics using commonly available materials and equipment. The accent is on cooperative learning and personal understanding. Application of learned material will result in the creation of individual topic modules. A Bachelor's degree in a non-science field, or permission of the instructor is required to take this course.

CE-598  Special Topics in Chemistry  Credits: 1-3
Term Offered: Fall 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 chemistry, prior permission of the chair of graduate studies in that program must also be obtained. The equivalent of a Monmouth University baccalaureate minor in Chemistry or permission of the chair is required to take this course.

Communication (CO)

CO-COL  Colloquium in Communication  Credits: 1
Term Offered: All Terms
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.
will be explored within the framework of intensive media study. Religions, the decline of family, sexual behavior, and anti-intellectualism problems as individuality in a mass society, the power of deity and as they relate to lifestyle, morality, and social behavior in America. Such analysis of the products of television, cinema, and the print media be applied to selected interpersonal contexts, such as first encounters, dyadic communication with emphasis on relationship development. The examination of the theories, models, elements, and processes of 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: Fall Term 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 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 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-505 Interpersonal Communication Credits: 3 Term Offered: All Terms Course Type(s): None An examination of the theories, models, elements, and processes of dyadic communication with emphasis on relationship development. The concepts, principles, and practices of interpersonal communication will be applied to selected interpersonal contexts, such as first encounters, marriage, family, friendship, professional, and business settings.

CO-506 The Mass Media and Contemporary Values Credits: 3 Term Offered: All Terms Course Type(s): None An analysis of the products of television, cinema, and the print media as they relate to lifestyle, morality, and social behavior in America. Such problems as individuality in a mass society, the power of deity and religions, the decline of family, sexual behavior, and anti-intellectualism will be explored within the framework of intensive media study.

CO-507 Organizational Communication Credits: 3 Term Offered: All Terms 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: Fall Term 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 presentation 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: Spring Term 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: All Terms 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: All Terms 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.
Intercultural Communication and Diversity Management

Term Offered: All Terms
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.

Conflict Management and Negotiation

Term Offered: All Terms
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.

Public Relations and Fundraising for Nonprofits

Term Offered: All Terms
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.

Communication Ethics

Term Offered: Fall 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.

Persuasion, Social Influence

Term Offered: All Terms
Course Type(s): None
A study of the historical and contemporary theoretical approaches and empirical research in the persuasive process. An examination of how information diffuses throughout and affects a socio-cultural system. Attention focused on the emergence, maintenance, and change of attitudes and values. Case study analysis and practicum in social marketing.

Public Opinion and Media

Term Offered: All Terms
Course Type(s): None
An examination of the shifting nature of public opinion, the agenda-setting role of mass media, and the survey methods that are employed to determine public opinion. The practices, values, and traditions of journalism that impact public opinion. Experience with the conduct of a survey and analysis of case studies.

Political Communication

Term Offered: All Terms
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. Also listed as PS-525.

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 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.

Crisis and Issues Management

Term Offered: All Terms
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.

Mass Media, Public Interest, Corporation Profit

Term Offered: All Terms
Course Type(s): None
Undertakes a critical examination of the relationship between the citizens of the United States, the increasingly corporate, electronic mass media, and American laws and policies that attempt to regulate it. Students will gain an understanding of the historical context behind the contemporary media policy environment and will examine the challenge faced by citizens, regulators, and broadcasters in determining how the media should operate "in the public interest.”

Global Media and New Technologies

Term Offered: All Terms
Course Type(s): None
An examination of the interlinked world of international mass media systems and media technologies; how societies and nations are both connected and divided by communication methods, technologies, national and international policies, and cultural expression. Students will examine the variety of models of electronic media around the globe and investigate the influence of national and international policy decisions on sovereign nations and indigenous culture, particularly in light of the constant advances of emerging media technologies.
CO-540 Organizational Training and Consulting Credits: 3
Term Offered: All Terms
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
Term Offered: Spring Term
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 Digital Media Seminar Credits: 3
Term Offered: All Terms
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 Interactive Digital Media Praxis Credits: 3
Term Offered: All Terms
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
Term Offered: Fall Term
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-590 Special Problems Credits: 1-3
Term Offered: All Terms
Course Type(s): None
For students capable of developing and pursuing a problem independently through research, conferences, and activities. Problem chosen by the student with the consent of the graduate program director and supervision of a graduate professor. To be approved, this independent study must target a problem that relates to the nature of the student's graduate program focus. May be taken for one, two, or three credits and repeated in subsequent semesters until three credits are earned. Does not substitute for CO-599.

CO-592 Interactive Storytelling with Data Credits: 3
Term Offered: All Terms
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.

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  
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 professional project in consultation with a faculty thesis advisor. In the 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  
Prerequisite(s): CO-691  
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 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  
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  
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  
Prerequisite(s): CO-562, CO-563, CO-564, BM-512, SE-517, completion of three additional graduate level communication credits and permission of the instructor  
Term Offered: All Terms  
Course Type(s): TPS  
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.

Computer Science (CS)

CS-501A Computer Programming Essentials  
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  
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  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: Fall 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-511 Technical Communication  Credits: 3
Term Offered: All Terms
Course Type(s): CISEL
Preparation, analysis, synthesis, and presentation of system documentation, technical papers, and data flow diagrams; literature search.

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: All Terms
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-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: All Terms
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: All Terms
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-560 Master’s Seminar Credits: 3
Prerequisite(s): Completion of twenty-one credits toward the MS degree, including four core courses, or permission of the instructor
Term Offered: All Terms
Course Type(s): CISEL
Emphasis on preparation, analysis, synthesis, and presentation of software system documentation, project progress reports, and technical papers based on literature research.

CS-588 Computer Science Practice and Experiences Credits: 1
Prerequisite(s): 18 credits in Computer Science
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
Term Offered: All Terms
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-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-625 Internet Crawler Credits: 3
Prerequisite(s): CS-529 passed with a grade of B- or higher
Term Offered: All Terms
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: All Terms
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: All Terms
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-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
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.)

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
Term Offered: All Terms
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.

Criminal Justice (CJ)

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
Term Offered: Fall Term
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
Term Offered: All Terms
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
Term Offered: All Terms
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits:</th>
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<tbody>
<tr>
<td>CJ-530</td>
<td>Criminal Justice Policy</td>
<td>3</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>Term Offered: Spring Term</td>
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<td>Course Type(s): None</td>
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<tr>
<td>Prerequisite(s):</td>
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<tr>
<td>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.</td>
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<tr>
<td>CJ-540</td>
<td>Spatial Analysis and Modeling in Geographic Information Systems</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>CJ-542</td>
<td>Computer Application 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>Course Type(s): None</td>
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<td>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.</td>
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<td>CJ-545</td>
<td>Seminar: Ethics, Law, and Society</td>
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<td>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.</td>
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<td>CJ-550</td>
<td>Seminar: Police Administration</td>
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<td>Course Type(s): None</td>
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<td>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.</td>
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<td>CJ-552</td>
<td>Computer Crime</td>
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<td>Term Offered: Fall Term</td>
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<td>Course Type(s): None</td>
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<td>Term Offered: Fall Term</td>
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<td>Course Type(s): None</td>
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<td>Understanding the nature of computer crime and the basic principles of technology in order to provide a foundation for criminal investigation.</td>
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<td>CJ-555</td>
<td>Criminal Procedure and the Constitution</td>
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<td>Term Offered: Fall Term</td>
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<td>Course Type(s): None</td>
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<td>Term Offered: Fall Term</td>
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<td>Course Type(s): None</td>
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<td>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.</td>
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<td>CJ-560</td>
<td>Seminar: Leadership and Management</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>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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<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>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>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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<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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<tr>
<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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<td>CJ-598</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>Course Type(s): None</td>
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<tr>
<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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<td>CJ-599</td>
<td>Special Topics in Criminal Justice</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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<tr>
<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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</table>
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
Term Offered: All Terms
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-625  Terroristic Crime Scene Investigation  Credits: 3
Term Offered: Fall Term
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
Term Offered: All Terms
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-650  Cyberterrorism  Credits: 3
Term Offered: Spring Term
Course Type(s): None
Explores how new technology throughout the world has contributed to terrorist 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 psychological process of 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 HLS-662.

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: Fall Term
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: 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.
ED-510 Psychological and Philosophical Foundations of Teaching  
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: All Terms  
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  
Prerequisite(s): ED-510 and ED-550  
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  
Term Offered: All Terms  
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  
Course Type(s): None  
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  
Term Offered: Summer Term  
Course Type(s): None  
Designed to introduce students to the concepts of linguistics as related to bilingual education and the teaching of English as a second language. Students will also learn structural aspects of linguistics, including morphology (words), syntax (sentence patterns), semantics (the meaning of words), phonetics and phonology (the sounds of language), pragmatics (the way language works in the world), 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  
Term Offered: All Terms  
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 brought. 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 Diverse Populations  
Prerequisite(s): ED-510  
Term Offered: All Terms  
Course Type(s): MAT, SJEDU  
Addresses two issues in today’s field of education: ESL students in mainstream classrooms and students with special needs in inclusion classrooms. The relevant topics will be explored to provide teacher candidates with a theoretical foundation, an understanding of their legal responsibility, and an opportunity to design instruction addressing various needs of diverse students in an inclusive setting. Limited to Education majors. Clinical Experience hours required.

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 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  
Prerequisite(s): ED-556 and EDL-575  
Term Offered: All Terms  
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-563 Assessment and Treatment of Literacy Problems Credits: 3
Prerequisite(s): EDL-503
Term Offered: All Terms
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: Fall Term
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: Fall Term
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: Fall Term
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 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-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 special needs, using instructional technology and using data to inform instruction. Clinical Practice hours required.

ED-561 Teaching Elementary Mathematics Credits: 3
Prerequisite(s): ED-510, ED-550, and ED-552
Term Offered: All Terms
Course Type(s): None
ED 561 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-567 Methods of Teaching Science at the Secondary Level II

Credits: 3
Prerequisite(s): ED-566
Term Offered: Fall Term
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: Fall Term
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: Fall Term
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: Fall Term
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
Term Offered: Fall Term
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  
**Credits: 3**
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  
**Credits: 3**
Prerequisite(s): ED-578
Term Offered: Fall Term
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  
**Credits: 3**
Prerequisite(s): ED-583
Term Offered: All Terms
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  
**Credits: 3**
Prerequisite(s): ED-510, ED-550, and ED-552 and a minimum G.P.A. of 3.00
Term Offered: Fall Term
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 utilization data to inform instruction. Education majors only. Clinical Practice hours required.

ED-593  Clinical Practice  
**Credits: 9**
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  
**Credits: 9**
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-596  Methods of Teaching Elementary Physical Education and Health  
**Credits: 3**
Prerequisite(s): ED-510, ED-550, and EDS-500 and a minimum G.P.A. of 3.00
Term Offered: All Terms
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  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
Term Offered: All Terms
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 statutes. Education majors only.

ED-598  Special Topics in Education
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. 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-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
Term Offered: All Terms
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: All Terms
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-616  Fundamentals of Curriculum Studies
Credits: 3
Term Offered: Fall 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
Term Offered: Summer Term
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): 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.

ED-626  Assessment Practice Now and When
Credits: 3
Term Offered: All Terms
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  
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  
Term Offered: Spring Term  
Course Type(s): None  
Emphasis on commercially available computer software; analysis and evaluation of software design and documentation. Continuation of children’s programming languages and word processing. Access to a microcomputer provided.

ED-645 Theories and Practice of ESL Instruction  
Term Offered: All Terms  
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-658 Advanced Curriculum Studies  
Term Offered: All Terms  
Course Type(s): EDCUR  
A comprehensive study of the theory and practice of designing, evaluating, and implementing valid and effective P-12 curricula.

ED-670 Qualitative Research: Principles and Practices  
Term Offered: Fall Term  
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-680 Advanced Professional Development Seminar for Teachers  
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  
Term Offered: All Terms  
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  
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  
Prerequisite(s): OTDP-705  
Term Offered: All Terms  
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  
Prerequisite(s): ED-821  
Term Offered: All Terms  
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  
Term Offered: All Terms  
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 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 Educational Counseling (EDC)  

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  
Term Offered: Summer Term  
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  
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.

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  
Experiential and clinical opportunities to become 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.

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  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
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.

EDC-545  Career Development and Counseling  Credits: 3  
Prerequisite(s): EDC-500, EDC-505 and EDC-530  
Term Offered: All Terms  
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  Credits: 3  
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  Credits: 3  
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  Credits: 3  
Prerequisite(s): EDC-500, EDC-505, and EDC-530  
Term Offered: All Terms  
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  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
Term Offered: All Terms
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: Spring Term
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-502, 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

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-604 Clinical Practice in Addiction

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 of the extended family and systemic community of those who use substances are 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. Also listed as SW-604.

EDC-605 Clinical Practice with Families and Children

Term Offered: Fall Term
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. Also listed as SW-605.

EDC-606 Research Methodology and Applications

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

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

Term Offered: Summer Term
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 Education Doctorate (EDD)

EDD-702 Adult Development and Transformative Learning

Term Offered: Summer Term
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.

EDD-706 Learning Through Experience: Individuals and Organizations

Term Offered: All Terms
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

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

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-714 Leadership and Change

Term Offered: All Terms
Course Type(s): None

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 "real world" problems and dilemmas using current case studies, in basket challenges, and information from the students' individual schools/districts.

EDD-716 Practicum in Executive Leadership

Term Offered: All Terms
Course Type(s): None

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.

EDD-717 Internship for School Leadership P-12

Term Offered: All Terms
Course Type(s): OL

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.

EDD-720 Contemporary Issues in Education

Term Offered: Fall Term
Course Type(s): None

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) database decision making; and g) recent research on student achievement with specific emphasis on subgroup performance.

EDD-721 Education Law and Policy P-12

Term Offered: All Terms
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-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.

EDD-722 Leading Digital Learning and Innovation in Education: Empowered Learners and Organizations

Term Offered: Fall Term
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

Term Offered: All Terms
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.
<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>
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<tbody>
<tr>
<td>EDD-750</td>
<td>Advanced Program Analysis</td>
<td>3</td>
<td>Fall Term</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>EDD-755</td>
<td>Leadership and Assessment</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>EDD-750</td>
<td>Qualitative Research</td>
<td>3</td>
<td>Spring Term</td>
<td>None</td>
<td>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?</td>
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<tr>
<td>EDD-799</td>
<td>Independent Study Education (DOC)</td>
<td>3</td>
<td>Summer Term</td>
<td>None</td>
<td>Independent Study in Education Doctorate Level. Prior permission of the directing professor and department chair is required to take this course.</td>
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<tr>
<td>EDD-801</td>
<td>Research Design</td>
<td>1-3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
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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.
EDD-804  Analyzing and Interpreting Data  Credits: 1-3
Term Offered: All Terms
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 write a preliminary 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
Term Offered: All Terms
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.

Education Educational Leadership (EDL)

EDL-502  Development and Learning in Early Childhood  Credits: 3
Term Offered: All Terms
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 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: Fall Term
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
Term Offered: All Terms
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  
Term Offered: Spring Term  
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  
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  
Term Offered: Fall Term  
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  
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  
Term Offered: All Terms  
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  
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  
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  
Term Offered: All Terms  
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  
Term Offered: All Terms  
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  
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  
Term Offered: All Terms  
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  
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  
Term Offered: All Terms  
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  
Term Offered: All Terms  
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 and 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  
Term Offered: All Terms  
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: Fall Term  
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 the 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  
Term Offered: All Terms  
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  
Term Offered: All Terms  
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  
Term Offered: All Terms  
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  
Term Offered: All Terms  
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  Credits: 3
Prerequisite(s): EDL-569
Co-requisite(s): EDL-590A
Term Offered: Fall Term
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
Term Offered: Spring Term
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: Fall Term
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
Term Offered: Spring Term
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: 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. 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: All Terms
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
Term Offered: Summer Term
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
Prerequisite(s): EDL-589
Term Offered: Fall Term
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-671   Advanced Practice with Children
Credit: 3

Term Offered: All Terms
Course Type(s): None

Designed for play therapy students; builds upon the foundation courses
on individual, family and group counseling, with advanced clinical
applications for work with children. Assessment and intervention skills
are used with children and adolescents with special emphasis on
expressive therapies such as art, play, sand tray, and music. Also listed as
PC-674 and SW-674.

EDL-672   Advanced Theory in Play Therapy
Credit: 3

Term Offered: Spring Term
Course Type(s): None

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.
Also listed as PC-672 and SW-672.

EDL-673   Advanced Techniques in Play Therapy
Credit: 3

Term Offered: All Terms
Course Type(s): None

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. Also listed as
PC-673 and SW-673.

EDL-674   Play Therapy for Children at Risk
Credit: 3

Term Offered: Spring Term
Course Type(s): None

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
issues that can lead to or exacerbate trauma or crisis. Also listed as
PC-674 and SW-674.

EDL-699   Independent Study in Educational Leadership
Credit: 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
Credit: 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 life span;
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
Credit: 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
Credit: 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
Credit: 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
Credit: 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: All Terms
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: All Terms
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: All Terms
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 areas; 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  
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  
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  
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  Research Seminar in Special Education  
Prerequisite(s): EDS-530  
Term Offered: Spring Term  
Course Type(s): None  
Research in the field of special education using single-subject design is emphasized. An overview of various types of research and methodologies is included in the course. Candidates will locate, interpret, analyze and synthesize the research base in special education. Candidates will prepare and implement a comprehensive research project and share the results. "Field experience required".

EDS-590  Diagnosis and Correction of Learning Disabilities  
Prerequisite(s): EDS-568, EDS-570 and completion of eighteen graduate credits  
Term Offered: All Terms  
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: 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. 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.

Term Offered: All Terms  
Course Type(s): None  
Includes an overview of basic concepts associated with applied behavior analysis. Candidates will examine selecting, defining, and measuring target behaviors, as well as, learning to evaluate and analyze behavior change. Ethical considerations for behavior analysts and interpreting research related to behavior analytic principles are also explored.

EDS-602  Applied Behavior Analysis: Reinforcement, Punishment and the Development of the New Behavior  
Term Offered: All Terms  
Course Type(s): None  
Includes detailed information on types of reinforcement and reinforcement schedules, punishment by stimulus presentation and removal, and antecedent variables. Developing new behaviors by utilizing imitation, shaping, and chaining is also discussed.

EDS-603  Applications of Applied Behavior Analysis (ABA) Principles  
Prerequisite(s): EDS-601 and EDS-602 and students must be enrolled in the Applied Behavior Analysis or the Basics of Applied Behavior Analysis certificate program  
Term Offered: All Terms  
Course Type(s): None  
Includes detailed information on decreasing behavior utilizing nonpunishment procedures, verbal behavior, self-management, contingency contracting and generalization of behavior. Ethical considerations for behavior analysts and functional behavior assessments are also discussed. Field experience required.
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-513  Shakespeare, His Contemporaries and Renaissance Society  Credits: 3
Term Offered: All Terms
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: Fall Term
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-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-510  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.

EN-508  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.)

EN-512  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-528  Foundations of 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-529  The Novel in English  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-525  Eighteenth Century British Literature  Credits: 3
Term Offered: All Terms
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-520  Critical Theory  Credits: 3
Term Offered: All Terms
Course Type(s): EN.1, 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-500  Critical Theory  Credits: 3
Term Offered: All Terms
Course Type(s): EN.4, EN.RW
Study of selected works from the twelfth through the fifteenth centuries in the context of contemporary cultural and literary developments.

EN-507  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-538 Victorian Novel  
Term Offered: Fall 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  
Term Offered: All Terms  
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  
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: Fall 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: All Terms  
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: Fall Term  
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: All Terms  
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: Fall Term  
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, EN.RW  
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-555 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: All Terms  
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: All Terms  
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: Spring Term  
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  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. If a prerequisite is required it will be announced in the course schedule.

EN-599  Independent Study in English  Credits: 3
Term Offered: All Terms
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  Credits: 3
Term Offered: Spring Term
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  Seminar in Creative Writing: Fiction  Credits: 3
Term Offered: Fall Term
Course Type(s): EN.CW
Students will analyze in a workshop setting readings in both American and World fiction to observe techniques in craft and present their own short stories for intensive examination by workshop participants. This course may be retaken for credit.

EN-613  Seminar in Creative Writing: Playwriting  Credits: 3
Term Offered: All Terms
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
Term Offered: Summer Term
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: Fall 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 full-time faculty member. A minimum of six face-to-face meetings are required; bi-weekly meetings are the norm. The manuscript will consist of at least forty pages of poetry or prose, or approximately eighty pages of drama, half of which may be work begun in previous graduate creative writing courses and substantially revised for this course. The manuscript will include a three to five-page Introduction. In addition, a twenty-item annotated bibliography of at least twenty pages must be submitted. 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: All Terms
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 in Creative Writing  Credits: 3
Prerequisite(s): EN-615 and EN-607 or EN-609 or EN-611 or EN-613
Term Offered: All Terms
Course Type(s): None
Intensive study of advanced creative writing craft techniques. Genre and seminar topics vary by professor. Repeatable once for credit.

EN-655A  MFA Creative Thesis Seminar  Credits: 3
Prerequisite(s): 39 credits in English
Term Offered: All Terms
Course Type(s): None
A two-semester capstone project for the MFA program under the guidance of two faculty readers, culminating in a substantial creative project of 100 pages or the equivalent of a book-length manuscript. The first reader must be an MFA faculty member, the second reader a member of the Creative Writing faculty.

EN-655B  MFA Creative Thesis Seminar II  Credits: 3
Prerequisite(s): EN-655A and 39 credits in English
Term Offered: All Terms
Course Type(s): None
Part II of a two-semester capstone project for the MFA program under the guidance of two faculty readers, culminating in a substantial creative project of 100 pages or the equivalent of a book-length manuscript. The first reader must be an MFA faculty member, the second reader a member of the Creative Writing faculty.
EN-674  Professional Research with Service Learning  Credits: 3  
Term Offered: All Terms  
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 thesis advisor who is a member of the English Graduate faculty in consultation with another full-time faculty member. A minimum of six face-to-face meetings are required; bi-weekly meetings are the norm. 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 review of recent scholarship. A student who wishes to complete Thesis Development in Summer must register in Session C, and then only with a Thesis Advisor in residence for the majority of the term and with permission of the Graduate Program Director.

EN-692  English Thesis Writing  Credits: 3  
Prerequisite(s): EN-691, completion of 21 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 thesis advisor who is a member of the English Graduate faculty. A minimum of six face-to-face meetings are required; bi-weekly meetings are the norm. The thesis must comprise of between thirty and sixty pages (not including works cited) and will be evaluated by the thesis advisor in consultation with another full-time faculty member. 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-699  Independent Study in English  Credits: 3  
Term Offered: All Terms  
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  
Term Offered: All Terms  
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: Spring Term  
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: All Terms  
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: All Terms  
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: All Terms  
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: All Terms  
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.
GO-500  Theories and Methods of Geographic Information Systems
Term Offered: All Terms
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-510  Cartography in GIS
Term Offered: All Terms
Course Type(s): None
Introduction to the study of cartography within Geographic Information Systems. Topics will include map types, the content and structure of maps, map interpretation, the history of mapping, map propaganda, the use of maps in society, and sources of data. Students will learn to make maps using GIS software.

GO-515  Visual Basic for GIS
Prerequisite(s): GO-500
Term Offered: Fall Term
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
Prerequisite(s): GO-500
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: Spring Term
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 AN-524.

GO-530  Advanced Techniques and Technology in GIS
Prerequisite(s): GO-500
Term Offered: Summer Term
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-540  Spatial Analysis
Term Offered: All Terms
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
Term Offered: All Terms
Course Type(s): None
Covers the basic 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
Term Offered: All Terms
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.
Health Studies (HE)

HE-584 Curriculum and Instruction in Health Education Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examination of theoretical bases for health education including program development and implementation, educational strategies, behavioral objectives, learner characteristics, instructional assessment, and classroom management. 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.

History (HS)

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

HS-THD Thesis Defense Credits: None
Term Offered: All Terms
Course Type(s): None
History Thesis Defense. This is a pass/fail course.

HS-501 Historical Criticism Credits: 3
Term Offered: Spring Term
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 Credits: 3
Term Offered: Spring Term
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: Fall Term
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 Credits: 3
Term Offered: Fall Term
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: Fall Term
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: Fall 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-510 Seminar in American History Credits: 3
Term Offered: All Terms
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-516 Readings on Populism and Progressivism in America Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
A critical analysis of the reform impulses of the late nineteenth and early twentieth centuries with an emphasis on the various schools of interpretation.

HS-517 Readings on Modern America, 1933-Present Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
Readings of pertinent historical literature (monographs and journal articles) dealing with United States history since the administration of F.D. Roosevelt.
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-520 Field Methods Arch**
Term Offered: Summer 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 AN-520.

**HS-521 "All the Livelong Day": The Meaning of Work in Modern America**
Term Offered: Fall Term
Course Type(s): HSUS
Examination of content changes in the meaning of work in America through the twentieth century.

**HS-522 History Urbanization in America**
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. Also listed as PS-522.

**HS-524 Twentieth Century United States Political History**
Term Offered: All Terms
Course Type(s): HSUS
Examines the twentieth century evolution of liberalism and conservatism, campaigns and elections, and congress and the presidency; considers critical elections, consensus and dissent, and the status of political rights through the progressive period, the Republican ascendancy, the New Deal, the Second World War, the Cold War, and Post-Cold War period.

**HS-525 World War II**
Term Offered: All Terms
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**
Term Offered: All Terms
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-535 The Renaissance
Term Offered: All Terms
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; the history 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: Summer 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-541 Graduate Seminar in European History
Term Offered: All Terms
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: Spring Term
Course Type(s): HSEU
The causes of the Revolution; its relationship to the Enlightenment; the political, economic, social, and cultural consequences of the moderate phase and of the Terror.

HS-544 The German Empire, 1871-1914
Term Offered: All Terms
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: All Terms
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: Fall Term
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: All Terms
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
Term Offered: All Terms
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 African American Historiography from 1865 to the Present
Term Offered: All Terms
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-551 Graduate Seminar in British History
Term Offered: All Terms
Course Type(s): HSUS
Selected topics in modern English and British history, with emphasis on techniques of historical research.

HS-553 Tudor-Stuart England
Term Offered: Fall Term
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-554 Twentieth Century Russia and the Soviet Union
Term Offered: Fall 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
Term Offered: All Terms
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
Term Offered: Spring Term
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-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 AN-572.

HS-573   Ecological Imperialism
Term Offered: All Terms
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-575   Civilization of the Andes
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
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; rural migration and the transformation of contemporary Andean society. Theoretical exploration of the developmental trajectory of Andean civilization. Also listed as AN-575.

HS-581   Seminar in East Asian History
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.

HS-585   Colonialism in Africa
Term Offered: All Terms
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-587   Nationalism in Africa
Term Offered: Fall 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
Term Offered: Fall Term
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
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   Graduate Seminar in the Modern History of Islamic Peoples
Term Offered: All Terms
Course Type(s): HSNW
Selected topics in Islamic history in the Middle East, North Africa, and some areas of the Balkan Peninsula; political, social, and intellectual change, the rise of nation states, and cultural interaction with the West.

HS-595   History Internship/Practicum
Prerequisite(s): Completion of twelve credits
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 public history, historical archeology and anthropology and regional geography.

HS-598   Special Topics in History
Term Offered: All Terms
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
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.
Homeland Security (HLS)

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: All Terms
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: All Terms
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: All Terms
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 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  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 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-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-670  Constitutional Issues in Homeland Security  Credits: 3
Prerequisite(s): HLS-610, HLS-620, HLS-630, and HLS-640
Term Offered: All Terms
Course Type(s): OL

HLS-680  Comparative Government 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 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  Credits: 3
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  Credits: 3
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  Credits: 3
Prerequisite(s): HLS-690
Term Offered: All Terms
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  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides students with 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.
Information Technology (IT)

IT-500  Information Technology  Credits: 3
Term Offered: Fall Term
Course Type(s): None
Introduction to computer-based information management concepts that provide an integrated approach to personal computer software in a Windows environment. These include: word processing, spreadsheet, database, presentation graphics, and electronic communication applications; information retrieval from the Internet and online library resources; fundamental computer literacy; and the ethical and societal implications of computer technology. Hands-on experience with a microcomputer in a networked environment is provided for completion of individual and group projects. This course is appropriate only for students from non-technology areas of study.

IT-510  Internet Technology  Credits: 3
Prerequisite(s): IT-500
Term Offered: Spring Term
Course Type(s): None
Introduction to integrated application software used for authoring and publishing Web sites. Applications include, preprogrammed software, markup programming and Internet scripting languages used to create Web pages. Network technologies and the fundamental concepts involved in creating a network and in facilitating network operation will also be introduced. Hands-on experience with a microcomputer on a networked system is provided for completion of individual and group projects. This course is appropriate only for students from non-technology areas of study.

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: Fall Term
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: Summer Term
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-623  Management Information Systems  Credits: 3
Term Offered: All Terms
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: Fall Term
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: Spring Term
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 to 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 to 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.

MS-598A  Special Topics in Marine Sciences  Credits: 1-3
Term Offered: Summer Term
Course Type(s): None
Marine science education in the K-12 classroom. A brief history of marine science and education is followed by a review of current marine education projects.

Mathematics (MA)

MA-501  C++ for Numerical Applications  Credits: 3
Term Offered: All Terms
Course Type(s): None
Teaches C++ in the UNIX/Cygwin development environment. It specializes on practicalities of coding large applications utilizing software libraries containing numerical methods such as LAPACK/TNT/GSL and data structures such as STL.

MA-510  Numerical Methods for Financial Mathematics  Credits: 3
Prerequisite(s): MA-501 passed with a grade of C- or higher
Term Offered: Spring Term
Course Type(s): None
Teaches numerical methods aimed at implementing the mathematics developed in financial engineering. This includes practical implementation in C++ of numerical methods used in finance such as tree-based methods, finite differences, and Monte Carlo simulation.

MA-520  Introduction to Financial Mathematics  Credits: 3
Term Offered: Fall Term
Course Type(s): None
An introduction that combines the topics of finance to mathematics. Topics include: introduction to pricing of derivative securities markets; futures, swaps; options; and bonds.
MA-530  Stochastic Calculus  
Term Offered: Fall Term  
Course Type(s): None  
Exposes students to some of the techniques from stochastic analysis that are employed in mathematical finance. This includes the importance in the revolution that has taken place in the financial markets over the last twenty-five years. Topics include developing the relationship between Brownian motion and stochastic calculus.

MA-540  Statistical Theory in Finance and Economics  
Credits: 3  
Prerequisite(s): MA-520 and MA-530 both passed with a grade of C- or higher  
Term Offered: Spring Term  
Course Type(s): None  
Covers topics related to multiple regression techniques, including testing the assumptions required for each to be valid. This includes applications to yield curve smoothing, pricing, and investment models. Also covered are techniques for the analysis and modeling of time series data, forecasting and market risk measures. In addition, factor analysis, structural equation modeling, and other multivariate techniques will be covered.

MA-550  Computation and Simulation in Finance  
Credits: 3  
Prerequisite(s): MA-520 and MA-530 both passed with a grade of C- or higher  
Term Offered: Fall Term  
Course Type(s): None  
Teaches the most fundamental aspect of financial mathematics and numerical implementation from a practical business. Topics include Black Scholes equations; Tree-based and Monte Carlo methods and products.

MA-595  Financial Mathematics Practicum  
Credits: 3  
Prerequisite(s): MA-540 passed with a grade of C- or higher, and permission of the director of the MSFM or department chair  
Term Offered: All Terms  
Course Type(s): None  
Team work on substantial projects submitted by corporate sponsors. Students address practical quantitative problems from first formulation to final presentation, making full use of their modeling and computing skills. Projects will result in a final written report, formal defense, and presentation to corporate sponsor, faculty and other students in the course.

MA-598  Special Topics in Mathematics  
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. 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.

MA-599  Independent Study in Mathematics  
Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Independent study in a topic not substantially treated in a regular graduate course; weekly consultation. 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: All Terms  
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): None  
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-509  Health Informatics  Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduction to the concept of informatics and its impact on decision-making in nursing and allied health sciences. Review of the methodology of analyzing, formalizing, and processing information applicable to all components of health and nursing practice: clinical practice, management, education, and research; and investigating determinants, conditions, elements, models and processes in order to design, implement, and test the effectiveness and efficiency of computerized information as it relates to nursing and health practice. Includes (1) an overview of the basic computer skills required to process electronic information, (2) identification of the nature and types of health, nursing, and medical information available on the World Wide Web, (3) development of search skills associated with finding health, nursing, and medical information on the World Wide Web, and (4) linking electronic information to decision-making processes in nursing, medical, and allied health sciences. 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
Prerequisite(s): NU-509
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-509 and 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.

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-524
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-536 Advanced Health Assessment for Forensic Nurses  Credits: 3
Prerequisite(s): NU-521 and NU-524
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 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
Term Offered: All Terms
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 grade of 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
Term Offered: All Terms
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
Prerequisite(s): NU-524
Term Offered: Fall Term
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-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: Fall Term
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
Prerequisite(s): NU-521 and NU-524
Term Offered: All Terms
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
   Credits: 3
Prerequisite(s): NU-518
Term Offered: Fall Term
Course Type(s): None
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 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-764. Students who have taken NU-564 are not eligible to take NU-764.

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
Provides an opportunity for the students to practice in the role of the novice academic nurse educator in diverse settings. Students apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor. Through 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-766P. 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 refine their educational 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-766S. Students who have taken NU-566S are not eligible to take NU-766S.

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 students 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 socio-cultural 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: Spring Term
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 to provide 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: Spring Term
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-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  
Prerequisite(s): NU-585  
Co-requisite(s): NU-587S  
Term Offered: Fall Term  
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  
Prerequisite(s): NU-585  
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  
Prerequisite(s): NU-586, NU-587S, and HE-584  
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  
Prerequisite(s): NU-586, NU-587S, and HE-584  
Co-requisite(s): 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: Fall 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-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.

NU-622P  Advanced Practice Nursing Practicum I: Adult-Gerontology  
Prerequisite(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  
Prerequisite(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. This is a pass/fail course.
A second grade below a B will make students ineligible to continue in course. Students who receive less than a B will be required to repeat the other healthcare providers. Students must earn a minimum of a B in the positive health maintenance. Establishment of collaborative role with appropriate health teaching, counseling, and motivating clients for examination; deriving diagnoses; planning care for acute and chronic and objective data using the techniques of interview and physical examination; deriving differential 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-624P Advanced Practice Nursing Practicum: Adult Gerontology Credits: 3
Prerequisite(s): NU-621, NU-622S, and NU-622P
Co-requisite(s): NU-623 and 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 utilizing 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-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 utilizing 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
Prerequisite(s): NU-631 and NU-632S
Term Offered: Fall Term
Course Type(s): None
Delivery of primary healthcare 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-633  Advanced Practice Nursing II: Family  Credits: 3
Prerequisite(s): NU-631
Co-requisite(s): NU-634P and NU-634S
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
Term Offered: Spring Term
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-633 and NU-634P
Term Offered: Spring Term
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: All Terms
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
Co-requisite(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-662P and NU-622S
Term Offered: Fall Term
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
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
Co-requisite(s): NU-661 and NU-662P
Term Offered: Fall Term
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. The course 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
Prerequisite(s): NU-661, NU-662P and NU-662S
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
Prerequisite(s): NU-661, NU-662P, 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
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
Prerequisite(s): NU-521, NU-524, NU-535, NU-542, and NU-544
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. In view of the reliance on direct practice experiences with children and adolescents, students will be placed in clinical sites concurrently with these courses (NU-670P and NU-670S). 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
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; 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
Term Offered: All Terms
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: Spring Term
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: Spring Term
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 healthcare 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: Spring Term
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 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-673  Advanced Practice Psychiatric/Mental Health Nursing Practicum III  Credits: 3
Prerequisite(s): NU-671, NU-672P, and NU-672S
Co-requisite(s): NU-674P and NU-674S
Term Offered: All Terms
Course Type(s): None
Builds upon the foundation course NU-671. As clinicians there is an ever-present 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-672P, and NU-672S
Co-requisite(s): NU-673 and NU-674S
Term Offered: Fall Term
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: Fall Term
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: Fall Term
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: Fall Term
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: Spring Term
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: Spring Term
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-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
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 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-762 Tests and Measures

**Term Offered:** All Terms  
**Course Type(s):** OL  
**Credits:** 3  
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

**Term Offered:** Fall Term  
**Course Type(s):** OL  
**Credits:** 3  
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 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-564. 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  
**Credits:** 2  
Provides an opportunity for the student to practice in the role of the novice academic nurse educator in diverse settings. Students apply teaching and learning principles in both academic and clinical settings under the guidance of a preceptor. Through reflection and sharing, students refine their practice and explore the eight core competencies of the academic nurse educator outlined by the National League for Nursing. This is a pass/fail course. Requires 90 practicum hours. Also listed as NU-566P. 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  
**Credits:** 1  
Through discussion and sharing, students refine their educational 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-566S. Students who have taken NU-766S are not eligible to take NU-566S.

### NU-767P Nurse Educator Practicum II

**Term Offered:** Spring Term  
**Course Type(s):** None  
**Credits:** 2  
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-567P.

### NU-767S Nurse Educator Seminar II

**Co-requisite(s):** NU-767P  
**Term Offered:** Spring Term  
**Course Type(s):** None  
**Credits:** 1  
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)

**Term Offered:** Spring Term  
**Course Type(s):** None  
**Credits:** 1-3  
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.

### Occupational Therapy (OTDP)

#### OTDP-701 Neuro-Dynamics of Occupation

**Term Offered:** Fall Term  
**Course Type(s):** OL  
**Credits:** 3  
Offers study into the emerging art and sciences of “braiding” occupation with neuroscience. The origins and current-status of Neuro-occupation will be identified and related to theory and research pertinent to occupational therapy including occupation based practice and integrated using clinical reasoning. The course provides an overview of neuroscience, philosophy of science and chaos/complexity theory as the foundation of understanding neuroscience and occupation as they inter-relate. Pertinent neuroscience systems are covered with an emphasis placed on examination of the neurological system as a system of support underlying occupation, occupational patterns, and the occupational nature of humans. Identification of an area of study pertinent to occupational therapy practice will be made and professional literature supporting Neuro-occupational coupling will be explored. The course builds upon the program view of students as self-directed and critically inquiring learners, and provides students with the opportunity to explore areas of study with potential for advancing occupational therapy knowledge and transforming current and future practice.
OTDP-702  Mx Methods in Translational Health Sciences  Credits: 3
Prerequisite(s): OTDP-703
Term Offered: Fall Term
Course Type(s): OL
Introduces mixed methods as a legitimate design tradition, with a unique set of procedures for data collection, analysis, and strategies to assure rigor and accuracy. The course will begin with an overview of qualitative research traditions as the basis for integrating qualitative and quantitative design components in a mixed methods study. Special emphasis will focus on maintaining the scientific rigor of the predominant design tradition while building in flexibility to adequately address complex translational questions. Learners will design a mixed methods study to address a translational research question.

OTDP-703  Quality Improvement through Translational Practices  Credits: 3
Term Offered: Fall Term
Course Type(s): OL
Introduces 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.

OTDP-704  Theoretical Foundations and Health Innovations  Credits: 3
Prerequisite(s): OTDP-703
Term Offered: Fall Term
Course Type(s): OL
Introduces students to common theories from behavioral and social sciences that are currently being used in health behavior, health educations, and promotion. Students will explore the application of theory as the basis for designing health intervention programs that can be tested using scientific methods, replicated in practice, and inform policy. The program development and evaluation process used is applicable to a wide range of health intervention programs, including programs delivered through health education, group theory, one-on-one treatment and telemedicine.

OTDP-705  Statistics  Credits: 3
Prerequisite(s): OTDP-702
Term Offered: Summer Term
Course Type(s): OL
The fundamental principles of research designs, measurement, sampling and ethics will be covered. The course will teach basic statistical methods in which students should have the opportunity to execute their own analyses. This includes generation of descriptive statistics, correlations, t-tests, Chi-square tests, analysis of contingency tables, one-way ANOVA, and simple regression. The course will also introduce additional statistical methods about which students should be knowledgeable, including multiple linear regression, logistic regression and survival analysis.

OTDP-706  Capstone Preparation  Credits: 3
Prerequisite(s): OTDP-702
Term Offered: Fall Term
Course Type(s): OL
Designed to result in a well-defined, evidence-based, and feasible capstone proposal, including literature review, problem statement, project goals and procedures, evaluation approach, timeline with benchmarks, recruitment plan, and application for human subjects’ oversight (i.e., IRB approval), if indicated. Designed as a combination of didactic information, peer discussion, and advisor discussions, this course will train students to more effectively communicate the purpose, rationale/theory, and design of their proposed capstone.

OTDP-801  Evidence-Based for Healthcare Professions I  Credits: 3
Prerequisite(s): OTDP-704
Term Offered: Fall Term
Course Type(s): OL
Provides an overview of the role of evidence-based knowledge and research in everyday professional work. Students will be introduced to several bodies of literature to better understand 1) an interdisciplinary perspective on health, and 2) multiple frameworks available to support research questions. As the basis for life-long learning, students will learn to critique articles and base decisions on available evidence.

OTDP-802  Global International Healthcare Engagement  Credits: 3
Prerequisite(s): OTDP-801
Term Offered: Fall Term
Course Type(s): OL
Health, technology, social, and environmental problems, impacting our world are complex and there is an increasing need to address the issues through collaborative scientific pursuit. This course will explore the factors that explain the unequal distribution of health and disease in the world. The course will begin with an introduction to the language of global health: the burden of disease, epidemiology, cost-effectiveness, and health systems. It will then analyze the rationale for and modes of intervention to improve global health by exploring a number of high-profile topics, including the HIV/AIDS epidemic, access to pharmaceuticals, human resources for health, and maternal and child health. The course will incorporate knowledge and views for multiple academic disciplines (public health, economics, politics, management, sociology, etc.).

OTDP-806  Final Capstone Project  Credits: 3
Prerequisite(s): OTDP-702, OTDP-703, OTDP-704, OTDP-705, OTDP-706, OTDP-801, and OTDP-802
Term Offered: Fall Term
Course Type(s): OL
Students complete a Capstone Project reflecting the synthesis and application of evidence-based practice and occupational therapy principles learned within the Monmouth University Post Professional OTD curriculum. Student generated learning outcomes and products of practice/professional scholarship that informs occupational therapy practice. The quality of the Capstone Project shall meet high standards for professional/occupational scholarship that informs occupational therapy practice. The course requires students to engage with peers online constructive feedback and accountability. Student will present their capstone at Monmouth University and it will be transmitted live to all faculty and students who wish to join the presentation. Students conclude with final reflections upon the learning process. Prerequisites: OTDP-702, OTDP-703, OTDP-704, OTDP-705, OTDP-706, OTDP-801, and OTDP-802
OTDP-807  Principles of Management in Health Care Systems  Credits: 3
Prerequisite(s): OTDP-705
Term Offered: Fall Term
Course Type(s): OL
Tackles the challenging issues facing today's health services administrator. It presents the changing healthcare landscape in the US with the demands placed on its healthcare leaders. Grounded in the practices of continuous quality and performance improvement at all levels of an organization the course examines virtually every aspect of health services leadership and management, from day-to-day decision making personnel and resource management to transformational change processes. The course draws primarily from the fields of organizational theory and behavior to equip students with management and leadership competencies that enable them to make a positive difference in their work organizations and in the health of populations.

OTDP-808  Decision Models and Financial Analysis  Credits: 3
Prerequisite(s): OTDP-807
Term Offered: Fall Term
Course Type(s): OL
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 setting 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.

OTDP-809  Business Plan and Business Development  Credits: 3
Prerequisite(s): OTDP-807 and OTDP-808
Term Offered: Fall Term
Course Type(s): OL
Students will learn how to use screening and feasibility tools to effectively conduct a business analysis to determine the worthiness of a potential new business idea. 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 statements, balance sheets, cash flow, etc.)

OTDP-820  International Immersive  Credits: 3
Prerequisite(s): OTDP-802
Term Offered: Fall Term
Course Type(s): OL
Promotes cross-programs collaborations (i.e. Education, Social Work, Nursing, Health and Physical Education, Business, and representation from all the other schools) by affording students a study abroad experience fostering across disciplinary approach to a global issue. An 8-week online course consists of modules approaching the topic of identify from different disciplines - culminating in a 10 day international immersion experience. The course will address the diversity if contemporary public health issue facing Latinos and how these issue are influenced by sociopolitical, historical and economic contexts. Students will travel abroad to Guatemala and immerse themselves in various Guatemalan communities. They will learn through observation dialogues with various member of these communities, and by engaging in a service learning initiative. Students will learn about the Guatemalan experience from the sociopolitical, historical, economic, and cultural contexts. The Guatemala Public Health, Global Seminar experience will serve as the lived experience of many of the constructs covered in the course, including mental health perspectives.

Philosophy (PL)

PL-518  Religious Foundations of Contemporary Values  Credits: 3
Term Offered: All Terms
Course Type(s): None
Systematic study of major contemporary value themes and their derivation from religious, mythic, and quasi-philosophic roots.

PL-529  Personal Identity, Ethics, and Social Order  Credits: 3
Term Offered: All Terms
Course Type(s): None
An exploration of how the social formation of personal life and moral character is represented in social science, fiction, and philosophy.

PL-532  Professional and Organizational Ethics  Credits: 3
Term Offered: All Terms
Course Type(s): None
Applies ethical concepts and theories to moral issues in professional and organizational life. Special attention is given to professional and corporate social responsibility.

Physician Assistant (PHA)

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.
Thinking with case-based analysis. Medical cases will be emphasized. The final exam emphasizes critical understanding of normal and abnormal results, and correlation with tests, electrocardiography, and diagnostic radiography. Identification in interpretation of and indications for clinical laboratory procedures. Instruction in the principles of the patient-provider relationship, disease processes, and the illness experience. Health promotion and disease prevention. 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.

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.
<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>PHA-621</td>
<td>Topics in Medicine and Surgery</td>
<td>5</td>
<td>Fall Term</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>PHA-622</td>
<td>Clinical Management</td>
<td>2</td>
<td>Fall Term</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>PHA-625</td>
<td>Research Methods I</td>
<td>2</td>
<td>Spring Term</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>PHA-626</td>
<td>Biostatistics for Physician Assistant's Research</td>
<td>2</td>
<td>Spring Term</td>
<td>None</td>
<td>The goal of this course is to enhance each student's understanding and effective use of the techniques used to describe and analyze data in health sciences. The intention is not to produce the sophistication in statistics, computer programming, or psychomotor application needed to develop and carry out major research projects. Rather, it is an introductory-level course with the objective of developing students' competence in the application of the basic statistical techniques used to explore, describe, and analyze information for research or evaluation purposes.</td>
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<tr>
<td>PHA-632</td>
<td>Biomedical Ethics</td>
<td>2</td>
<td>Fall Term</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>PHA-633</td>
<td>Epidemiology for Physician Assistants</td>
<td>2</td>
<td>Fall Term</td>
<td>None</td>
<td>Provides a basic understanding of the epidemiologic method of identifying disease-causing agents. Emphasizes the generation of hypotheses based on descriptive epidemiologic data, the testing of hypotheses by analytical epidemiologic research, the determination of causality, and the value of epidemiologic research in developing disease-prevention programs.</td>
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<tr>
<td>PHA-635</td>
<td>Research Methods II</td>
<td>1</td>
<td>Spring Term</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>PHA-636</td>
<td>Healthcare Policy</td>
<td>2</td>
<td>Spring Term</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>PHA-651</td>
<td>Clinical Clerkships I</td>
<td>5</td>
<td>Fall Term</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>PHA-652</td>
<td>Clinical Clerkships II</td>
<td>12</td>
<td>Spring Term</td>
<td>None</td>
<td>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.</td>
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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.

Political Science (PS)

PS-CPE  Public Policy Comprehensive Exam  Credits: None
Prerequisite(s): PS-510, PS-515, PS-516, and PS-518
Term Offered: All Terms
Course Type(s): None
Public Policy Comprehensive Exam. This is a pass/fail course.

PS-510  Policy Analysis  Credits: 3
Term Offered: All Terms
Course Type(s): TPS
An overview of the field of public policy studies with particular attention paid to the role of the policy analyst in the field of public policy. This course provides a solid foundation for the study of public policy analysis by concentrating on the five stages of the policy process, including agenda setting, policy formulation, budgeting, policy implementation, and policy evaluation.

PS-514  Public Opinion and Polling  Credits: 3
Term Offered: All Terms
Course Type(s): None
Students are taught how to use social science research methods to critique and create polling surveys. Particular attention is paid to the data collection and sample design, survey research methods, questionnaire development, and data collection and analysis. Students are taught how to evaluate the quality of survey research methods. Students will also be expected to design, implement, and analyze an original polling survey.

PS-515  Public Policy Research Design  Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduces students to the different research techniques widely practiced in the field of public policy. Students will learn about the research process, from conceptualization to operationalization and measurement. Students examine the importance of writing the literature review and articulating the research question; explore various research designs such as experiments, survey research, and other methods for collecting data. Other issues such as sampling, validity, and reliability are addressed. Class discussions, exercises, readings, and other materials will equip students with the skills to design a piece of policy research to, for example, assess policy proposals, and programs.

PS-516  Research Methods  Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduces students to widely used analytical and data presentation techniques in the field of public policy. Students will explore descriptive and inferential statistics. Using Excel and Statistical Package for the Social Sciences, students learn how to build a data set, how to acquire secondary data, and how to clean and analyze data. Students will learn about distributions and how to interpret findings. Determining whether research findings are capable of making inferences is examined through regression analysis. Data presentation techniques are addressed to strengthen the skills of students to translate quantitative information to a broad audience.

PS-518  Theory, Policy, Ethics  Credits: 3
Term Offered: All Terms
Course Type(s): None
Seeks to enable students to develop a critical understanding of the moral and political values that come into play in public policy. Topics include the tensions between ethics and politics in the tradition of political theory as well as how they feature in contemporary public policy debates in American and global politics. Students gain an understanding of the role of ethics as a matter of social justice as well as ethical issues and dilemmas in professional ethics.

PS-522  History of Urbanization in America  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as HS-522.

PS-524  Public Opinion and the Media  Credits: 3
Term Offered: Summer Term
Course Type(s): None
An examination of the shifting nature of public opinion, the agenda-setting role of mass media, and the survey methods that are employed to determine public opinion. The practices, values, and traditions of journalism that impact public opinion. Experience with the conduct of a survey and analysis of case studies.

PS-525  Political Communication  Credits: 3
Term Offered: All Terms
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. Also listed as CO-525.
A survey of the process by which environmental politics, planning, and public policy is conducted in the United States and around the world. We will examine the nature and scope of environmental, energy, and natural resource problems; contrasting perspectives on their severity and policy implications; the goals and strategies of the environmental movement and public opinion on the environment; scientific, economic, political, and institutional forces that shape policymaking and implementation; approaches to environmental policy analysis; and selected issues in environmental policy in the global community. In addition to the covering of certain ecological science terms, the interplay between international organizations, non-governmental organizations, and traditional states and the ways in which these actors seek diplomatic solutions to environmental problems is also covered.

The objective is to survey major issues in domestic public policy. The emphasis is on changes in the process of policy formation in both the public and private sectors. Also listed as HS-533.

Examines how policies affect a diverse spectrum of families based on class, race, gender, sexuality, age, and nationality. It begins with a historical perspective on how families have developed because of historical factors such as changing economy and technology. It also examines how social structures such as race, class, gender, and sexuality have shaped families. It then focuses on current issues facing families and the policies that regulate those issues, such as the balance between work and family, welfare, reproductive issues, violence, healthcare, and educational issues. A comparative approach will be taken to examine policies both in the U.S. and within other countries. Also discussed will be family activism aimed at affecting policy in the U.S.

Adopting an interdisciplinary perspective, this course looks at the positive and negative effects of globalization. It also explores the national and international aspects of major global policies and issues that shape the interdependent world of the twenty-first century.

In the world in which terrorism and chaos threaten to upset the policymaking capabilities of state governments, it is vital that we understand the different ways that nations formulate and implement public policy. Through an extensive investigation of policy analysis across a broad spectrum of states, the student will be able to better understand the reasons for policy decisions around the world. Democratic governments will be compared and contrasted to non-democratic governments in an attempt to provide greater insight and answer questions of health, economic, environmental, and foreign policies.
An overview of test administration and validity. Students will be

PC-506  Testing and Assessment in Counseling
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: Fall 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: Fall Term
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 in his or her work as a counselor. Limited to Professional Counseling majors.

PC-521  Spirituality and Counseling
Term Offered: Spring Term
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
Term Offered: All Terms
Course Type(s): None
This experiential course will take the student through a self-exploration track that will allow the student to explore the motivation, unconscious drives, anxieties, and spiritual and existential meaning that led him or her to become a counselor. It will explore many aspects of the personality, such as the need for power/control and compassion, which will allow the student to be a counselor. 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
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  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
Term Offered: All Terms
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
Term Offered: All Terms
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-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. Navigating 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: Fall Term
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): PC-505, PC-512, PC-525, PC-526, PC-540, and PC-550 all passed with a grade of C+ or higher and PC-523 passed with a grade of B 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. This is a pass/fail course.

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
Term Offered: All Terms
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-671  Advanced Practice with Children  Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed for play therapy students, builds upon the foundation courses on individual, family and group counseling, with advanced clinical applications for work with children. Assessment and intervention skills are used with children and adolescents with special emphasis on expressive therapies such as art, play, sand tray, and music. Also listed as EDL-673 and SW-673.

PC-672  Advanced Theory in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-672 and SW-672.

PC-673  Advanced Techniques in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-673 and SW-673.

PC-674  Play Therapy for Children at Risk  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-674 and SW-674.

PC-675  Play Therapy Practicum Seminar I  Credits: 3
Term Offered: All Terms
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.P.SW.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.P.SW.PT. Program Coordinator is required.

PC-676  Play Therapy Practicum Seminar II  Credits: 3
Term Offered: All Terms
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.P.SW.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-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: Fall Term
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
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
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
Term Offered: Fall Term
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
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
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
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
Prerequisite(s): SW-509
Term Offered: All Terms
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
Prerequisite(s): SW-510 passed with a grade of B or higher
Co-requisite(s): SW-503, SW-513 and SW-518
Term Offered: All Terms
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 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  
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 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-604 Clinical Practice in Addictions 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  
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. Also listed as EDC-604.

SW-605 Clinical Practice with Families and Children 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 a historical perspective on family-centered practice. Introduces major theories and intervention types that are the foundation for clinical work with diverse families. Also listed as EDC-605. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-606 Working with Trauma in Child Welfare 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  
Develops clinical practice skills in child welfare, especially related to trauma assessment and intervention. Prepares students by teaching them the latest theories, research, and assessment and intervention strategies designed to assist youth and their families recover from traumatic experiences that may include sexual abuse, neglect, physical abuse, poverty, and parental substance abuse. A review of the historical, legal and ethical issues provides students with enhanced personal and professional understanding of the complexities of working with youth and families with multiple problems in the child welfare system.

SW-611 Social Work Practice with Parents 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  
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 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  
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 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.
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

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: All Terms
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.

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: Fall 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.

Social Work Administration  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): TPS
Designed to deepen the student’s knowledge of the information and skills needed to organize and manage a modern human service not-for-profit organization. Except for those in private practice, most social workers function within an organization or agency environment—very often in the not-for profit sector. Within five years many holding MSW degrees will hold management positions in those organizations. Allows students to gain some preparation for this future possibility, while at the same time providing them with the tools to understand administrative processes in their organizations. Also listed as PS-618.

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
Term Offered: All Terms
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.

Credits: 3

SW-625 Program Planning and Evaluation
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.

Credits: 3

SW-626 Evaluation of Practice Effectiveness
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.

Credits: 3

SW-627 Implications of Social Justice and Human Rights for Social Work
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.

Credits: 3

SW-628 School Social Work
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.

Credits: 3

SW-629 Spirituality and Social Work
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
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.

Credits: 3

SW-630 Field Practicum III FC
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.
that social workers can use when they encounter children who have contact with the child welfare system. Students are given a general community violence, and other traumatic events - including abuse and neglect and witnessing interpersonal crime (e.g. domestic violence), children and adolescents exposed to traumatic events - including abuse, and the community is considered. Sociocultural factors will also be considered.

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
Term Offered: All Terms
Course Type(s): None
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 will be considered. Special attention will be given to the concepts of secondary trauma.

SW-633 Trauma Informed Practice with Children and Adolescents Credits: 3
Term Offered: Summer Term
Course Type(s): None
Teaches social workers basic knowledge, skills and values about working with children who have experienced traumatic stress. Introduces students to traumatic stress and its impact on children, assessment tools that can help identify children affected by traumatic stress, and provides ways that child welfare workers can manage professional stress caused by secondary trauma. It also teaches how to use this knowledge to support children's safety, permanency, and well-being through case analysis and corresponding interventions tailored for them and their biological and resource families. Trauma is broadly defined, and includes children and adolescents exposed to traumatic events - including abuse and neglect and witnessing interpersonal crime (e.g. domestic violence), community violence, and other traumatic events - who have come into contact with the child welfare system.

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: All Terms
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
Term Offered: All Terms
Co-requisite(s): SW-615 and SW-617
Prerequisite(s): SW-631 passed with a grade of B or higher
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-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: Spring Term
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
Term Offered: All Terms
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-671  Advanced Practice with Children  Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed for play therapy students and builds on the foundation course on individual, family, and group counseling, with advanced clinical applications for work with children. Assessment and intervention skills are used with children and adolescents with special emphasis on expressive therapies such as art, play, sand tray, and music. Also listed as EDL-671 and PC-671. Prior permission of the CPSWPT Program coordinator or MSW Director is required to register for this course.

SW-672  Advanced Theory in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-672 and PC-672.

SW-673  Advanced Techniques in Play Therapy  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-673 and PC-673.

SW-674  Play Therapy for Children at Risk  Credits: 3
Term Offered: All Terms
Course Type(s): None
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. Also listed as EDL-674 and PC-674.

SW-675  Play Therapy Practicum Seminar I  Credits: 3
Term Offered: All Terms
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.S.W.P.T.) 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: All Terms
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.S.W.P.T.) 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-684  Introduction to Veterinary Social Work  Credits: 3
Term Offered: All Terms
Course Type(s): None
This course will address the Human-Animal Bond. he four major facets of Veterinary Social Work (Grief and Bereavement), Compassion Fatigue, Animal Assisted Therapy, and the Link between Domestic Violence and Animal Abuse) will be explored. How non-human animals are viewed and treated in American society will be studied. At the end of class, the student will demonstrate basic competency in these four areas, as well as advanced competency in a specific area of their choice.
**Sociology (SO)**

**SO-505  Critical Issues in Crime and Delinquency**  
Credits: 3  
Term Offered: All Terms  
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: Spring Term  
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-515  Disciplined Software Development**  
Credits: 3  
Prerequisite(s): SE-505  
Term Offered: All Terms  
Course Type(s): None  
Introduces the need for an engineering approach to software, through a motivational discussion of the so-called "software crisis" and a presentation of software development processes at the various degrees of granularity; this ranges from organizational processes to team and individual engineers' processes. Provides practical experiences with the Personal Software Process. A software process is defined as a set of guidelines, activities, and methods that engineers use to develop and maintain software. Without a software process, most projects are over budget and behind schedule, since successful efforts cannot be guaranteed. The success of a project depends greatly upon the experience and discipline of the engineers. Limited to Software Engineering students.

**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-565  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-565  
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: Fall Term
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
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 and eighteen completed credits. 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: Fall 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: All Terms
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  Credits: 3
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 adopting a new technology and putting the appropriate elements into an organization. Focuses on technology assessment, cost, scheduling, training, and project management.

SE-605  Software Implementation and Reuse  Credits: 3
Prerequisite(s): SE-565
Term Offered: All Terms
Course Type(s): None
Explores contemporary topics in systematic software implementation and reuse. Includes the impact of Object-Based and Object-Oriented Design and Programming with Ada83, Ada95, and C++ along with Domain Engineering on the software development process. Concentrates on the practical aspects of applying architecture-centric, domain-specific, library-based reuse methodologies integrated with the software development process to create software systems in an efficient, cost-effective manner. Illustrates how object-oriented and domain-engineering techniques coupled with domain-specific libraries can be used to effectively develop significant software systems in a short period of time, frequently realizing reuse on the order of 70% or more. Libraries of object-based reusable software components will be used to design and implement solutions to problems.

SE-610  Software Systems Security  Credits: 3
Prerequisite(s): SE-505
Term Offered: Fall Term
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.
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Term Offered</th>
<th>Course Type(s): None</th>
<th>Course Description</th>
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<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
<td>3</td>
<td>SE-565</td>
<td>All Terms</td>
<td></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 CS-611.</td>
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<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
<td>3</td>
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<td>Spring Term</td>
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<td>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.</td>
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<tr>
<td>SE-616</td>
<td>Extensible Markup Language (XML)</td>
<td>3</td>
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<td>Summer Term</td>
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<td>Presents XML fundamental concepts, XML as a document format, XML as a data format, and special topics in using XML.</td>
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<td>SE-620</td>
<td>Networked Software Systems I</td>
<td>3</td>
<td>SE-565 and SE-571</td>
<td>Fall Term</td>
<td></td>
<td>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.</td>
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<td>SE-623</td>
<td>Management Information Systems</td>
<td>3</td>
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<td>All Terms</td>
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<td>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.</td>
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<td>Course Code</td>
<td>Course Title</td>
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<td>Prerequisite(s)</td>
<td>Term Offered</td>
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<tr>
<td>SE-650</td>
<td>Software Project Management</td>
<td>3</td>
<td>SE-505</td>
<td>Fall Term</td>
<td>None</td>
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<tr>
<td>SE-651</td>
<td>Software Organization Management</td>
<td>3</td>
<td>SE-505</td>
<td>Spring Term</td>
<td>None</td>
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<tr>
<td>SE-652</td>
<td>Software Quality Management</td>
<td>3</td>
<td>SE-565 and SE-571</td>
<td>Summer Term</td>
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<td>Designed to help students develop a broad understanding of the requirements and consideration in planning, managing, and implementing a software project with special emphasis on teams, quality, process, and measurement. This experiential course involves two iterations of a team project which help students learn how to apply specific software engineering practices and understand their value (or lack of value) to specific projects. The main themes include in-depth coverage of process models, such as CMMI and ISO 9000, as well as specific practices such as Risk Management, Configuration Management, Team Development, Inspections, and practical applications of Measurement.</td>
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<tr>
<td>SE-660</td>
<td>Computer System Architecture</td>
<td>3</td>
<td>CS-503</td>
<td>All Terms</td>
<td>None</td>
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<td>Computer system interconnection structures, central processing unit, control unit, microprogrammed control, memory organization, cache and virtual memory, computer arithmetic, RISC processor, introduction to parallel processing, and case studies.</td>
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<td>SE-691</td>
<td>Software Engineering Thesis Research</td>
<td>3</td>
<td>SE-565, SE-571, and SE-580</td>
<td>All Terms</td>
<td>None</td>
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<td>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.</td>
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<td>SE-695A</td>
<td>Software Engineering Practicum</td>
<td>3</td>
<td>SE-565, SE-571, and SE-580</td>
<td>All Terms</td>
<td>None</td>
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<td>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 document 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 large software projects. The students will be asked to serve in team roles, hold oral reviews, and prepare documentation appropriate to their project. Students in the class 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.</td>
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SE-695A  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: Spring Term
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: Fall Term
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 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-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-636 Communication in Autism Spectrum Disorders Credits: 3
Term Offered: Fall Term
Course Type(s): None
Provides students with information regarding the types of Autism Spectrum Disorders and the unique communication skills of individuals with Pervasive Development Disorder and Autism Spectrum Disorders. Students learn therapy techniques and alternative communication methods. This course will use a lifespan perspective.

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-675 Traumatic Brain Injury Credits: 3
Term Offered: Fall Term
Course Type(s): None
Examines neurophysiological, cognitive, neuropsychological, and social/emotional issues associated with traumatic brain injury. Assessment and treatment for cognitive disorders associated with traumatic brain injury will be addressed.

SLP-679 Diagnostic Practicum in Speech-Language Pathology Credits: 3
Term Offered: Summer Term
Course Type(s): None
Provides supervised 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.

Theatre (TH)

TH-526  Comedy and Drama in Western Culture  Credits: 3
Term Offered: All Terms
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: All Terms
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: All Terms
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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